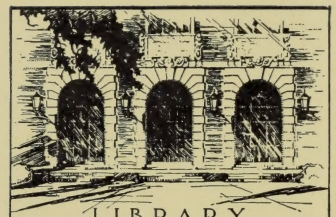


LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

C
K415uH
1904/05-
1908/09

Digitized by the Internet Archive
in 2013

http://archive.org/details/universityofkent0409univ

C
15uH
04/05

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

. No. 4 JUNE, 1905

13v

Kentucky University

This volume is bound without 1907/08

which is/are unavailable.

Entered at the Post Office at Lexington, Kentucky, as second class matter, according to the Act of Congress, Approved July 16, 1894.

C
15uH
10/05

. No. 4 JUNE, 1905

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

Kentucky University Bulletin

Catalogue Number

Entered at the Post Office at Lexington, Kentucky, as second class matter, according to the Act of Congress, Approved July 16, 1894.

Kentucky University

Incorporated

LEXINGTON AND LOUISVILLE

SUCCESSOR TO

Transylvania University

Founded in 1799

Catalogue 1904-1905

LEXINGTON, KY.
PUBLISHED BY THE UNIVERSITY
MCMV

Calendar

1905.

Sept. 11	The session of the College of Liberal Arts, the College of the Bible, the College of Law, and the Academy begins....Monday, 8:30 a. m.
Nov. 30	Thanksgiving Day .....Thursday.
Dec. 22	Christmas recess begins .....Friday.

1906.

Jan. 3	Christmas recess ends..Wednesday, 8:30 a. m.
Jan. 26	The first term of the College of Liberal Arts, the College of the Bible, the College of Law, and the Academy ends.....Friday afternoon.
Jan. 29	The second term begins .....Monday, 8:30 a. m.
Feb. 22	Celebration of Washington's Birthday by the literary societies .....Thursday, 10 a. m.
June 8	The final examinations end .....Friday afternoon.
June 11	Annual meeting of the Board of Trustees of College of the Bible...Monday, 2 p. m.
June 12	Commencement of the College of the Bible...Tuesday, 10 a. m.
June 13	Annual meeting of the Board of Curators of Kentucky University...Wednesday, 10 a. m.
June 13	Class-day exercises of the Graduating Class of the College of Liberal Arts .....Wednesday, 10 a. m.
June 13	Meeting of the Society of Alumni .....Wednesday, 3 p. m.
June 14	Commencement of the College of Liberal Arts Thursday, 10 a. m.
June 14	Alumni dinner .....Thursday, 1 p. m.

Historical Sketch

Bacon College, the earliest literary institution of its grade established by the Disciples of Christ, began its first session in a dwelling house in Georgetown, Ky., November 4, 1836. Its first president was Elder Walter Scott, who was very soon succeeded by Elder David S. Burnet. Its charter, granted at the next session of the Legislature, was approved February 23, 1837. Among its sixteen incorporators were John T. Johnson, Philip S. Fall, John Bowman and James Challen.

The College was removed to Harrodsburg in the summer of 1839. Beginning its first session there, again in a dwelling house, September 2, 1839, it was conducted first under Samuel Hatch, M. D., and from 1840 under James Shannon, LL. D., until insufficient means led to its suspension in 1850.

In the winter of 1855-6 Maj. James Taylor and Mr. J. B. Bowman, both of Mercer county, entered on the work of founding a university which should be the successor of Bacon College. Mr. Bowman's appeals for financial aid were successful beyond expectation, and the preparatory department was opened September 21, 1857.

An amended charter, approved January 15, 1858, in which the provisions of the first charter were greatly extended and the name of the institution was changed to Kentucky University, was accepted by the trustees of Bacon College, February 2, 1858.

The collegiate department was opened under the presidency of Robert Milligan, A. M., September 19, 1859. The destruction of the college building by fire in 1864 necessitated the removal of the institution from Harrodsburg. After invitations from Louisville and Covington had been considered, an offer of the property of Transylvania University that had been made and declined in 1860, and that was now renewed, was accepted.

TRANSYLVANIA SEMINARY was chartered by the Legislature of Virginia in May, 1783. The first meeting of its trustees was held November 10, 1783, near Danville, Ky. Its first session began February 1, 1785. After a few years the seminary was removed to Lexington, Ky. Its first session in this place began June 1, 1789.

By an act of the General Assembly of Kentucky, approved December 22, 1798, Transylvania Seminary and Kentucky Academy were united January 1, 1799, under the name of TRANSYLVANIA UNIVERSITY.

Rev. James Moore, the last president of Transylvania Seminary, was the first president of the University. He was succeeded in 1804 by Rev. James Blythe, M. D., who was acting president until the inauguration of Rev. Horace Holley, LL. D., in 1818. The University prospered under Dr. Holley's administration, which was terminated by his resignation in 1827. In rapid succession came Rev. Alva Woods, D. D., in 1828; John Lutz, A. M., in 1831; Rev. Benjamin O. Peers, at whose inauguration, on November 14, 1833, Morrison College was dedicated; Rev. Thomas W. Coit, D. D., in 1835; Rev. Louis Marshall, D. D., in 1837; and

Rev. Robert Davidson, D. D., in 1840. In 1841 the trustees entrusted the academic department to the Kentucky Conference of the Methodist Episcopal Church. With the accession of Rev. Henry B. Bascom, D. D., LL. D., to the presidency in 1842, a great revival of prosperity began, which continued beyond the resumption of control by the trustees that followed his resignation in 1849. James B. Dodd, A. M., was acting president until the academic department was reorganized in 1856 under the presidency of Rev. Lewis W. Green, D. D., as a State school for teachers. The law department, which had boasted the names of Clay, Barry and Robertson, had ceased to exist; with the abrogation in 1858 of the act of reorganization the academic department came to its end; the closing in 1859 of the medical, which had long been the largest of its three departments, ended the career of Transylvania University.

After an existence of sixty-six years, Transylvania University was consolidated with Kentucky University by an act of the Legislature, approved February 28, 1865, which was accepted by the Curators of Kentucky University and by the Trustees of Transylvania University.

The First Session of Kentucky University in Lexington began October 2, 1865. To the College of Liberal Arts and the Academy, which had been conducted at Harrodsburg, the College of the Bible and the College of Law were now added.

The office of regent of the university was created July 17, 1865. John B. Bowman, LL. D., the founder

of the University, was elected regent, which office he held until June, 1878.

By an act of the Legislature, approved February 22, 1865, the Agricultural and Mechanical College of Kentucky was made one of the colleges of Kentucky University. Its first session began October, 1866. This college ceased to be a College of Kentucky University by virtue of an act of the Legislature, approved March 13, 1878.

The Commercial College, which was organized in the summer of 1867, was opened to students October 7 of that year.

In the summer of 1878, the last session of the College of the Bible under the charter of Kentucky University closed, and the new College of the Bible, which had been established in 1877, took its place. This college, organized under its own charter and in administration and control entirely independent of the University, is conducted in connection with it.

The office of regent was discontinued June 12, 1878, at which time Henry H. White, LL. D., was elected president of the University. He filled this office until on his resignation of the presidency in 1880, Charles Louis Loos, LL. D., was elected to succeed him.

In 1889 the College of Liberal Arts and the Academy were opened to young women.

In that year the University contributed to the educational exhibit that was sent by the Government of the United States to the Exposition Universelle in Paris, and in 1893 to the Kentucky exhibit of the Liberal Arts Department of the World's Columbian Exposition in Chicago. Both these contributions were honored with awards.

The department of physical culture was opened in 1894.

The College of Law, suspended in 1879 and reopened in 1893, was suspended again in 1895, and again reopened in 1905.

The presidency of the University having again become vacant by resignation, Reuben Lindsay Cave, A. M., was, in the summer of 1897, elected to succeed President Loos.

In the autumn of that year a medical college in Louisville was made one of the associated colleges of the University. This arrangement, not proving satisfactory, was soon discontinued, and the Medical Department of the University was organized, which began its first session in that city January 2, 1899.

The hundredth anniversary of the opening of Transylvania University was commemorated in Morrison Chapel on the evening of January 1, 1899. The Governor of the Commonwealth was present, and the parts of an appropriate programme were borne by gentlemen who are at the head of sister institutions of learning and by prominent ministers of the Gospel.

The Normal College was organized in the spring of 1899 and opened to students September 11, of that year.

On the resignation of President Cave, in February, 1900, Alexander R. Milligan, A. M., was appointed acting president.

President Milligan having asked to be relieved of the duties devolving upon him as acting president, Burris A. Jenkins, A. M., B. D., was, in June, 1901, elected president.

In 1902, the Normal College was discontinued as a separate organization, and in its stead the school of pedagogy was established in the College of Liberal Arts.

Curators of Kentucky University

ZACHARY F. SMITH	Louisville.
JOHN S. SWEENEY	Paris.
JAMES M. GRAVES	Versailles.
JOHN T. HINTON	Paris.
PHILEMON P. PARRISH	Midway.
WILLIAM W. ESTILL	Lexington.
JEREMIAH R. MORTON	Lexington.
JOHN S. PHELPS	Lexington.
EDWARD L. POWELL	Louisville.
BENJAMIN L. COLEMAN	Lexington.
WILLIAM T. WITHERS	Lexington.
GEORGE B. NELSON	Winchester.
JOHN T. VANCE	Lexington.
MARK COLLIS	Lexington.
WILLIAM S. DICKINSON	Cincinnati, Ohio.
JAMES H. HAZELRIGG	Frankfort.
MATTHEW WALTON	Lexington.
ROBERT C. TALBOTT	Paris.
JOSEPH W. PORTER	Lexington.
JESSE S. HOCKER	Stanford.
LEONARD G. COX	Lexington.
STRAUDER D. GOFF	Winchester.
J. WILLIS BONNER	Nashville, Tenn.
WILSON J. THOMAS	Shelbyville.
CHARLES W. BELL	Harrodsburg.
SOLOMON L. VAN METER	Lexington.
ISAAC J. SPENCER	Lexington.
WILLIAM H. CASSELL	Lexington.
*CLAUDE L. GARTH	Georgetown.
CLIFFORD C. PATTERSON	Lexington.
WARREN C. GRAVES	Georgetown.
ATTILLA COX	Louisville.
CAREY E. MORGAN	Paris.
THOMAS H. KINNAIRD	Lexington.

Officers of the Board

John S. Sweeney, Chm'n, Joseph W. Porter, Sec'y,
John T. Vance, Treasurer.

Executive Committee

James M. Graves, Chm'n, John T. Vance, Sec'y,
Leonard G. Cox, William W. Estill,
Matthew Walton.

*Deceased.

Trustees of the College of the Bible

JAMES L. NEAL.....Harrodsburg.
ALFRED FAIRHURST.....Lexington.
JOHN T. VANCE..... Lexington.
MARK COLLIS ..... Lexington.
BENJAMIN M. ARNETT..... Nicholasville.
JOHN T. HAWKINS..... Lexington.
WILLIAM O. SWEENY..... Lexington.
WILSON J. THOMAS..... Shelbyville.
JOHN S. SHOUSE.....Lexington.
ISAAC N. WILLIAMS..... Lexington.
WILLIAM F. SMITH..... Lexington.
WILLIAM H. GRAHAM..... San Jose, Cal.
*GEORGE DARSIE ..... Frankfort.
FRANCIS M. RAINS..... Cincinnati, O.
FRANK P. JAMES..... Harrodsburg.

Officers of the Board

Mark Collis, Chm'n, William F. Smith, Sec'y,
John T. Vance, Treasurer.

Executive Committee

Isaac N. Williams, Chm'n, John S. Shouse, Sec'y,
William F. Smith, Mark Collis,
William O. Sweeny.

*Deceased.

Officers of Administration and Instruction

BURRIS ATKINS JENKINS, A. M., D. D.,
304 West Third Street, Lexington
President of the University, and ex-Officio Presiding Officer of the College of Liberal Arts.

JOHN WILLIAM McGARVEY, A. M., LL. D.,
18 Fayette Park, Lexington
President of the College of the Bible.

*CLARENCE CAMPBELL FREEMAN, A. M.,
527 West Third Street, Lexington
Dean of the College of Liberal Arts.

MISS IRENE T. MYERS, Ph. D.,
Hamilton College, Lexington
Dean of Women.

LYMAN CHALKLEY, LL. B., Lexington
Dean of the College of Law.

THOMAS BENTON McCARTNEY, Jr., M. A., Ph. D.,
517 West Third Street, Lexington
Principal of the Academy.

GEN. WILBUR RUSH SMITH,
303 South Limestone Street, Lexington
Presiding Officer of the Commercial College.

JOSEPH BENSON MARVIN, B. S., M. D., LL. D.,
903 Fourth Avenue, Louisville
Presiding Officer of the Medical Department.

THOMAS CRAIN EVANS, M D.,
419 West Chestnut Street, Louisville
Dean of the Medical Department.

*Resigned June, 1905.

Residing in Lexington.

JOHN WILLIAM McGARVEY, A. M., LL. D.,
18 Fayette Park
Professor of Sacred History and Evidences of Christianity

CHARLES LOUIS LOOS, A. M., LL. D.,
457 West Fourth Street
Professor of the Greek Language and Literature.

ALEXANDER REED MILLIGAN, A. M., LL. D.,
376 South Broadway
Professor of the Latin Language and Literature.

ISAIAH BOONE GRUBBS, A. M.,
443 West Fourth Street
Professor of Exegesis, Church Polity and Church History.

ALFRED FAIRHURST, A. M., 643 Headley Avenue
Professor of Natural Science.

*CLARENCE CAMPBELL FREEMAN, A. M.,
527 West Third Street
Morrison Professor of English Language and Literature.

BENJAMIN CASSEL DEWEESE, A. M.,
629 Headley Avenue
Professor of Hebrew and Biblical Criticism.

J. C. WILLIS, A. M., Ph. D., 425 Walnut Street
Professor of Pedagogy.

ALFRED CHARLES ZEMBROD, A. M.,
500 West Fourth Street
Professor of the French and German Languages.

SAMUEL MITCHELL JEFFERSON, A. M., LL. D.,
645 Elsmere Park
Professor of Philosophy and Homiletics.

BURRIS ATKINS JENKINS, A. M., D. D.,
304 West Third Street
Professor of Biblical History and Sociology.

HENRY LLOYD, B. S., 313 North Limestone Street
Professor of Mathematics and Astronomy.

---

*Resigned June, 1905.

MISS IRENE T. MYERS, Ph. D., Hamilton College
Professor of History.

HALL LAURIE CALHOUN, Ph. D., Headley Avenue
Professor of Hebrew and Ancient History.

LYMAN CHALKLEY, LL. B.,
Professor of Law.

THOMAS BENTON McCARTNEY, Jr., M. A., Ph. D.,
517 West Third Street
Assistant Professor of Greek.

EUGENE LYMAN PORTER, A. B., Hamilton College
Assistant Professor of Science.

MISS ALICE TRIBBLE KARR, B. S.,
418 West Fourth Street
Instructor in Mathematics.

MRS. LENA MOSLEY RAGSDALE, A. B.,
Hamilton College
Instructor in History.

FREDERICK MONTAGUE FOSTER, A. M.,
Hamilton College
Instructor in Latin.

MARTIN LUTHER HURST, Logan Hall
Instructor in English.

WILLIAM ABRAHAM CROWLEY, 643 Headley Avenue
Instructor in English.

MISS PEARL BARNET FORSYTH,
North Limestone Street
Instructor in History.

REUBEN YANCE MAXEY, B. Ped., 226 Rand Avenue
Instructor in Pedagogy.

CHARLES WILLIAM BARNES, B. S.,
419 West Sixth Street
Instructor in the School of Pedagogy.

GEORGE EDWARD PYLE, 313 North Limestone Street
Director of Physical Culture.

MELBOURNE COSSABOOM, Craig Hall
Librarian.

Residing in Louisville.

JOSEPH BENSON MARVIN, B. S., M. D., LL. D.,
903 Fourth Avenue
Professor of the Principles and Practice of Medicine, Clinical Medicine and Neurology.

THOMAS CRAIN EVANS, M. D.,
419 West Chestnut Street
Professor of Ophthalmology, Otology, and Laryngology.

JOSEPH GARLAND SHERRILL, A. M., M. D.,
St. Charles Place
Professor of Theory and Practice of Surgery and Clinical Surgery.

SAMUEL ELISHA WOODY, A. M., M. D., LL. D.,
600 West Broadway
Professor of Diseases of Children.

HENRY ENOS TULEY, A. B., M. D., Secretary,
111 West Kentucky Street
Professor of Obstetrics.

LOUIS FRANK, M. D., 229 West Chestnut Street
Professor of Gynecology and Abdominal Surgery.

LEON LEOPOLD SOLOMON, A. B., M. D.,
Second and Ormsby Streets
Professor of Materia Medica and Therapeutics and of Clinical Medicine.

WILLIAM EDWARD GRANT, M. D.,
723 West Jefferson Street
Professor of Anatomy and Medical Life Insurance.

CARL WEIDNER, M. D., 1932 West Jefferson Street
Professor of Physiology, Histology, and Clinical Professor of Diseases of the Chest.

HENRY HUGH KOEHLER, A. B., M. D.,
1001 Fourth Avenue
Profesor of Bacteriology and of Cutaneous, Genito-Urinary, and Venereal Diseases.

HENRY LOUIS RAPP, Ph. G., M. D., 25 Shelby Street
Professor of Chemistry.

BERNARD ASMAN, M. D., Equitable Building
Clinical Professor of Diseases of the Rectum.

HENRY LANE STONE, A. M., 1400 Third Avenue
Professor of Legal Medicine.

ADOLPH O. PFINGST, M. D., 427 West Chestnut Street
Professor of Physiology and Diseases of the Eye, Ear, Nose and Throat.

VIRGIL E. SIMPSON, M. D., 705 East Broadway
Professor of Materia Medica, Therapeutics and Hygiene.

ROE L. EDMONDS, M. D., 111 West Kentucky Street
Professor of Obstetrics and Embryology.

Officers of the Society of Alumni

President.

HUGH McLELLAN, A. B., '95, A. M., '97.

Vice-Presidents.

MISS BETTIE BERRY, B. Lit., '97.
SAMUEL MINOR BERNARD, C. of B., '95.
JEFFERSON DAVIS CLARK, A. B., '86.

Secretary and Treasurer.

MILTON ELLIOTT, Jr., A. B., '98.

Executive Committee.

ASHBROOK CARROLL FRANK, A. B., '98, Chairman.
JAMES EDWARD BASSETT.
MILTON ELLIOTT, Jr., A. B., '98.
ENOCH GREHAN, A. B., '94.
JOHN THOMAS VANCE.

General Information

Lexington.

Lexington, the seat of all the departments of the University except the Medical College, which is at Louisville, is the typical city of Kentucky. Situated in the heart of the famous Blue Grass Region, it is easily accessible by railways and interurban lines that lead to it from every direction. Its elevated situation, salubrious climate and abundant supply of pure water have obtained for it a deserved reputation for healthfulness. It is further recommended as an educational seat by the refinement of its citizens, its many historical associations and the moral influence of its numerous churches. The city has a population of about thirty thousand, and in the conveniences of modern life rivals many larger places. It gives opportunities for social, musical, and literary life, which prove of great benefit to students. The surrounding country, with its old homesteads and refined rural population, cannot but influence greatly the development of young people sojourning in Lexington.

Grounds and Buildings.

The beautiful campus that is the principal site of the University, contains about fourteen acres in the highest and most attractive part of the city of Lexington. Means for the purchase of about two-thirds of

this large square, which is bounded by Third, Fourth, Broadway and Upper streets, and for the erection thereon of the imposing Doric edifice that is known as Morrison Chapel, were provided by a legacy left to Transylvania University in 1823 by Colonel James Morrison, of Lexington. The rest of the campus was afterwards secured for that institution by the Hon. Henry Clay, Dr. B. W. Dudley, Benjamin Gratz, and David A. Sayre. Morrison Chapel is the principal home of the College of Liberal Arts.

The academy building, which stands on the University campus east of Morrison Chapel, is the home of the preparatory school. The large increase, however, of the number of students in the College of Liberal Arts has made it necessary to utilize some of the rooms in the academy building for University classes.

The new building for the College of the Bible is modern and commodious. Its class rooms are large, well lighted, and well ventilated. It contains also the library of the College of the Bible and a reading room with the current papers and periodicals. The three dormitories, Logan, Craig and Davies Halls, have recently been refitted and newly equipped.

The gymnasium, erected within the last few years, principally by the alumni, has proved ample for the accommodation of all the students of the University. Architecturally the building is satisfactory and upon its elevated site presents a good appearance from Broadway.

The buildings of Hamilton College, now a part of Kentucky University, are on Broadway, near the campus of the University.

The Commercial College occupies commodious rooms in the business part of Lexington.

The grounds and buildings of the Medical Department, which is in Louisville, are admirably suited to the purposes of medical education. A fuller description of them is given in the part of this catalogue devoted to that department of the University.

The Carnegie Library.

The University in 1865 succeeded to the property of Transylvania University. A part of that property is the old college lawn which lies between Mill and Market streets and extends in a long rectangle from Morrison Chapel to Second street. On the south end of the college lawn has been erected the Carnegie Library. This handsome structure, which cost $60,000, is harmonious in style with Morrison Chapel, and the view from the one to the other along the college lawn is beautiful and imposing. The Carnegie Library is the public library of the city of Lexington, but the advantage to the University from its location upon the college lawn is evident.

Organization.

The University comprises six colleges and a preparatory department.

1. The College of Liberal Arts, Lexington, Ky.
2. The Junior College for Women, in Hamilton College, Lexington, Ky.
3. The College of the Bible, Lexington, Ky.
4. The College of Law, Lexington, Ky.
5. The Medical Department, Louisville, Ky.

6. The Commercial College, Lexington, Ky.
7. The Academy, Lexington, Ky.

Matriculates of the College of Liberal Arts have the privilege of attending, without additional charge, classes of the College of the Bible and the Academy. Matriculates of the Colleges of the Bible and of Law, as also matriculates of the Commercial College after the completion of their business course, have a like privilege of attending classes of the College of Liberal Arts and the Academy. Matriculates of the College of Liberal Arts and of the College of the Bible are admitted, without entrance examinations, to classes of the Medical Department; and graduates in the classical, literary, and scientific courses are advanced one year in the four years' medical course.

The colleges are divided into schools, or departments of instruction, each of which is under the immediate direction of a professor, who is assisted, when necessary, by competent instructors.

Detailed information is given below concerning the departments of the University in their order.

Sessions, Terms, Commencements.

The session of the College of Liberal Arts, the College of the Bible, the College of Law, and the Academy begins on the second Monday of September. The sessions of the Medical Department and of the Commercial College continue through the calendar year.

Every session of the College of Liberal Arts, of the College of the Bible, of the College of Law, and of the Academy is divided into two terms. The exact division of the session of 1905-6 is given in the Calendar that

occupies the second page of this catalogue. The session of the Medical Department is divided into four quarters, beginning October 1, January 1, April 1, and July 1. A student may enter at the beginning of any quarter.

The Commencement of the College of Liberal Arts and of the Academy is on the second Thursday in June; that of the College of the Bible, on Tuesday next preceding the second Thursday in June; and that of the Medical Department on the last Thursday in June.

Young Women.

With the exception of the College of Law and the Medical College, the University is open to both sexes. A large number of young women have availed themselves of the opportunities for advanced study in the College of Liberal Arts. In 1903 a chair for the Dean of Women was founded and is now occupied by Miss Irene T. Myers, Ph. D. The Dean of Women has special oversight of the young women in the University. Her residence is at Hamilton College, and she is therefore in close touch with any young women of the University who may board at Hamilton College.

Hamilton College and Junior College for Women.

Kentucky University has long held a controlling interest in the stock of Hamilton College, an institution for young women, which had been leased to private parties. Kentucky University, in 1903, assumed direct control of Hamilton College, which is now conducted under the auspices of the University authorities. Its policy remains the same in regard to the seclusion of its students. Co-education will not be practiced at

Hamilton College, but co-ordinate education will be. The standards have been elevated to conform to those of Kentucky University, and the courses of study of the two institutions are practically the same up to the close of the sophomore year of Kentucky University.

The junior and senior years of Hamilton College, therefore, constitute what may be called the Junior College for Women of Kentucky University.

For further information address the President of Hamilton College.

Boarding and Lodging.

A student may select his house for boarding and lodging, subject in all cases to the approval of the presiding officer of his college. He may not, however, board or lodge in any house in which the rules of good order and decorum are, in any respect, disregarded. In families, the weekly cost of boarding, fuel, light, and the use of furnished rooms, varies from $2.50 to $4.00. As a member of one of the boarding clubs, a student may obtain board for $1.75 a week. Lodging for two students in a room may be had at from $2.00 to $3.00 a month.

In case of serious illness, students in Lexington may have the advantages of the Good Samaritan Hospital, in which the University has a neatly furnished room, or of St. Joseph's Hospital.

Some students defray their expenses wholly or in part by preaching to congregations within easy reach of Lexington, by carrying daily papers, or by other employments. The demand for such employments

always exceeds their number. The University does not supply means of defraying expenses.

Matriculation.

A student, upon his arrival, should report promptly to the President, with his testimonials of character and standing. He should, as early as practicable, select a suitable place for boarding and lodging, and, without delay, notify the President of the place selected. After successful examination and payment of fees, he will be entitled to matriculate.

The first two days of the session are devoted to the entrance examinations and the organization of classes. Every student who intends to matriculate should, therefore, be present on the first day of the session.

Failure to observe these regulations may bar his admission.

Fees.

College of Liberal Arts or Academy.—For a session: matriculation, $25.000; tuition, a tuition coupon or $5.00. If payment is made by the term, $16 for each term.

Laboratory.—Chemistry, $3.00 for chemicals, and a deposit of $2.00 to cover damage to apparatus; Physics, $2.00; Zoology, $1.50; Botany, $1.50; and Geology, $1.50.

Graduation.—Bachelor's degree, $10.00; master's degree $10.00; certificate from any one school, $3.00. From the fee charged for a bachelor's degree deduction is allowed, to an amount not exceeding $10.00, of payments made for certificates from schools, the comple-

tion of whose course is not implied in the diploma for that degree.

All fees are required in advance, and no fee will be refunded.

THE JUNIOR COLLEGE FOR WOMEN.—For information as to fees, address the President of Hamilton College, Lexington, Ky.

COLLEGE OF THE BIBLE.—The fees are mentioned in the part of this catalogue devoted to this College.

THE COLLEGE OF LAW.—For information as to fees address the Dean of this College, at Lexington, Ky.

MEDICAL DEPARTMENT.—For information as to fees, address the Dean of this College at Lexington, Ky.

COMMERCIAL COLLEGE.—Merchant's course, $35.00; full diploma course, $55.00; shorthand, $35.00; typewriting, $20.00; shorthand and typewriting, $50.00.

Scholarships.

Endowed.

The Executive Committee will grant to any individual or company of individuals, who give as much as two thousand dollars to the endowment funds of the University, the privilege of establishing and naming a perpetual scholarship in the College of Liberal Arts or in the Academy. It is expected that many beneficent persons will make such donations.

THE WILLIAM TEMPLE WITHERS SCHOLARSHIPS.—Three scholarships are annually awarded upon funds given by Mrs. Martha S. Withers in memory of her husband.

THE MARY GARTH SCHOLARSHIP.
THE JAMES AND MARGARET YORK SCHOLARSHIP.
THE CHARLES ALLEN THOMAS SCHOLARSHIP.
THE BYRON MCCLELLAND SCHOLARSHIP.
THE SAMUEL MARTINE SMITH SCHOLARSHIP.

Special.

A scholarship in the Medical Department is awarded each year, upon recommendation of the Executive Committee, to a worthy male graduate of the College of Liberal Arts.

The honor graduate of any of the accredited schools may, upon application, be awarded a scholarship in the College of Liberal Arts.

Government and Discipline.

The Government of the University, directed by the presiding officers and professors, who treat the students as friends, aims to maintain such a discipline as will conduce to the good order and prosperity of the institution.

Every matriculate is required to abstain from whatever is inconsistent with good order, good taste and good morals; and to observe faithfully the by-laws adopted by the faculties for the government of students. The discipline is parental and is administered not with severity but with strictness.

This kind of government has borne its good fruits. The University enjoys an enviable reputation for the excellent character of its students and for the general good order pervading it. In these respects it may invite comparison with any other institution of its class.

Religious and Moral Culture.

On every recitation day of the College of Liberal Arts, of the College of the Bible, of the College of Law, and of the Academy, chapel exercises are held in Morrison and Milligan Chapels. The professors are present, and attendance on the part of the students is obligatory. The services are conducted by members of the faculties and by invited ministers of the gospel. Addresses are delivered from time to time in the separate chapels and whenever a joint service of the colleges of the University is held in Morrison Chapel.

The Bible in English and in the original tongues is a text-book in the University.

Every student is expected to attend religious worship in some church on Sundays. Many students are regularly present at week-day prayer-meetings, and many are members of Bible classes that look especially to their religious and spiritual instruction and training.

Christian Associations.

There is in the College of Liberal Arts a Young Men's Christian Association, which meets regularly once a week, and which does much for the religious development of the students of this College.

The College of the Bible, in like manner, has its own Young Men's Christian Association, with rooms in Logan Hall, comfortably fitted and seated.

There is also a Young Women's Christian Association which holds regular meetings in the young women's study hall in Morrison Chapel. These associations have all been unusually successful during the past year and are of very great value to the University.

Christian Missions.

A mission study class is maintained under the direction of the Student Volunteer Band, and is open to all members of the University. A thorough study of all the fields of the world is made, and conferences as to methods of work are held. Returned missionaries are frequently entertained by the class, and their knowledge and advice have been found most valuable.

Social Life.

Kentucky University, as a co-educational institution, seeks to provide college life of such a character as to fit young men and women for the social world in the largest sense of that term. It hopes to supply an atmosphere in which manly and womanly characters may develop fully and naturally. The discipline is such that each individual bears the responsibility of self-control, demanding the right exercise of judgment. At the same time the student is not left without the friendly direction, suggestion, and correction, when necessary, of older and wiser heads who have his interest closely at heart. The students meet frequently at public functions, athletic, musical, and literary, and also at frequent intervals in purely social events, either in the college halls, or in the homes of the president and professors. The best of the social life of Lexington is also possible for students of the institution.

Literary Societies.

The Literary Societies of the College of Liberal Arts are four: the Cecropian and the Periclean for young

men, the Alethea and the Cornelia for young women; of the College of the Bible two: the Philothean and the Phileusebian. They have their halls and libraries, and their regular exercises add to the facilities afforded for the practice in composition, elocution, and discussion.

Publications.

The Bulletin, containing announcements and matters of general information, is published quarterly by the University. The Annual Catalogue is one number of the Bulletin.

The Transylvanian, issued monthly, is published by the Literary Societies of the University.

The Crimson is the University Annual and is published by the graduating classes of the University.

Reading-room and Libraries.

The reading-room and the law, medical, and miscellaneous libraries of the University are open to the students, who also have access to the public libraries of Lexington and Louisville.

Young women have the exclusive use of a study-room that adjoins the recitation room of the Dean of Women.

Apparatus and Museums.

The University has ancient and modern wall maps, terrestrial and celestial globes, large and valuable collections of chemical, philosophical and astronomical apparatus, and museums containing extensive collections of anatomical, geological and mineral specimens and objects of natural history, all well adapted to the purpose of illustration and instruction in its schools of literature and science.

Public Entertainments.

The Kentucky University Lecture Association, which has been in operation for seventeen years, contributes much to the intellectual culture and enjoyment of the students. A course of lectures is arranged every session, which brings to the University some of the best lecturing talent in the land. Only such teachers of the platform are invited by the association as honor and advocate the Christian religion. These lectures have met with remarkable success, and are now a permanent feature of University life.

From time to time, also, prominent alumni, professors, or distinguished guests of the University, are invited to give lectures open to the public and to the student body.

The Choral Society, which is composed of instructors and students of the University and Hamilton College, is under the supervision and direction of the Department of Music of Hamilton College. This society affords an excellent opportunity for the development of taste for the best music. Concerts and recitals are given during the session, to which the public is invited.

Physical Culture.

Systematic physical culture is provided in a handsome and well-arranged gymnasium, which is equipped with suitable apparatus, lockers and baths. Under a competent director, it has proved a valuable addition to the facilities afforded by the ample campus of the University for promoting the health and physical development of the students. The gymnasium is reserved

on Mondays and Thursdays for the use of the young women of the University and of Hamilton College. The exercises consist of class drills, indoor tennis, and basket ball.

The gymnasium is under the supervision of the faculty of the College of Liberal Arts, and is free to the matriculates of that college, of the College of the Bible, and of the Academy.

Every matriculate of those colleges is required to take regular exercise in the gymnasium at least twice every week, unless excused by the presiding officer of the college in which he is matriculated.

Athletics.

The Kentucky University Athletic Association is made up from the colleges of the University that are in Lexington, and has for its object the promotion of clean, manly sport in the institution. It is under the control of an athletic council, consisting of two members of the Faculty, two alumni, and four students, and acts in accordance with rules adopted by the Faculty and approved by the Board of Curators. Only *bona fide* matriculates are permitted to represent the institution in foot ball, base ball and other field contests. All students are expected to assist in maintaining the good reputation of the University in all athletic contests.

The Society of Alumni.

The purpose of this society is to foster a spirit of fraternity among the graduates and other former

students of the University, and to unite them in an effectual and cordial support of the institution. Any graduate of Bacon College, Transylvania University, or Kentucky University that has maintained a good moral character may become a member. Undergraduates who attended through two former sessions are eligible to associate membership after one year's absence. The erection of the gymnasium in 1894 and the refurnishing of Morrison Chapel in 1897 were due mainly to the efforts and contributions of members of this society. The annual meeting for the transaction of the business of this society is held in Morrison Chapel the afternoon before the Commencement Day of the College of Liberal Arts. A banquet in the gymnasium immediately after the Commencement exercises of that college is the occasion of pleasant reunions and first meetings of earlier and later students brought together by their interest in their common alma mater.

Bequests.

General or special forms of bequest will, upon application, be sent to such friends of the University as may desire to remember it in their wills. There is no better method of perpetuating a name than by the endowment of a chair or a scholarship in an institution of learning.

Information.

Further information may be obtained by addressing the President, at Lexington, Kentucky.

College of Liberal Arts

Faculty

Burris Atkins Jenkins, A. M., D. D., Presiding Officer
Charles Louis Loos, A. M., LL. D.
Alexander Reed Milligan, A. M., LL. D.
Alfred Fairhurst, A. M.
Clarence Campbell Freeman, A. M.
Alfred Charles Zembrod, A. M.
Samuel Mitchell Jefferson, A. M., LL. D.
J. C. Willis, A. M., Ph. D.
Henry Lloyd, B. S.
Miss Irene T. Myers, Ph. D.
Thomas Benton McCartney, Jr., M. A., Ph. D.
Eugene Lyman Porter, A. B.
George Edward Pile.

Requirements for Admission

Every applicant for admission into the College of Liberal Arts must present satisfactory evidence of good moral character; and, if he has been connected with any other college or school, a certificate of honorable dismission therefrom.

In order to be enrolled as a matriculate of the College of Liberal Arts the student must be at least fifteen years of age, and must be a member of two or more of its classes.

Whenever admission to a class is on conditions, it is the duty of the student to remove the conditions as

soon as he can. Once admitted, he should attend faithfully to his college duties until the close of the session or until information concerning his withdrawal has been given to the president by the person under whose control the student is. Parents, guardians, and students that are of age are requested to give such information promptly.

The studies that are required for admission to the several schools of the College of Liberal Arts are given below. For each course satisfactory equivalents may be offered.

Studies Required for Admission.

GREEK.—Gleason's Greek Primer; Babbitt's Grammar; Xenophon's Anabasis, four books; Pearson's Greek Composition; history of Greece.

LATIN.—Bennett's Foundations of Latin; Bennett's Latin Grammar; four books of Caesar; four orations of Cicero; forty exercises of Arnold's Latin Prose Composition; history of Rome.

ENGLISH.—Baskervill and Sewell's English Grammar; Lockwood and Emerson's Rhetoric; history of England; selections from Irving's Sketch Book; Burke's Conciliation with the Colonies; Shakespeare's Merchant of Venice; Milton's L'Allegro, Il Penseroso, Comus and Lycidas; Macauley's Essays on Milton and Addison. The applicant must be able to write in the presence of the examiner a composition of two or three hundred words.

No applicant will be admitted to regular standing

in English, whose work is notably defective in spelling, punctuation, grammar, and paragraphing.

FRENCH.—Fraser and Squair's French Grammar, Part I.; composition, and about a hundred pages of easy reading.

GERMAN.—Bierwirth's German Grammar, composition, and about a hundred pages of easy reading.

HISTORY.—History of the United States and of England; history of the Orient, of Greece, and of Rome.

MATHEMATICS.—Higher Arithmetic; Milne's Algebra; Beeman and Smith's Plane Geometry.

NATURAL SCIENCE.—Physical geography; in addition, the prerequisites for physics are the same as for mathematics.

Admission by Examination.

Students who do not present certificates from a college or school of reputation, showing that they have completed satisfactorily all the requirements for admission, must stand an entrance examination before they can be admitted to any college class. Those who are not fully prepared may make up their conditions in the classes of the Academy.

Admission by Certificate.

The applicant for admission may be admitted *on trial* to the classes for which his former studies and the certificate of a college or academy of reputation indicate that he is prepared. The trial, which may in each class continue through one term, ends whenever the professor is satisfied either that the student is entitled to regular

standing in the class or that he is not sufficiently prepared for the study.

Accredited Schools.

The graduates of accredited schools are permitted to enter the University without examination, and a scholarship is offered to the honor graduate of any accredited school. A list of these schools will be furnished on application.

Schools and Courses of Instruction

In the schools of Greek, Latin, mathematics and astronomy, English, natural science, history, philosophy and pedagogy more studies are included than are required to be taken in those schools for a bachelor's degree. The additional studies of any of those schools may, within the limitations mentioned on page 60, be taken instead of some of the studies of another school that are prescribed for a baccalaureate degree, by students who desire to do major work in that school, or they may be pursued as graduate studies that form a part of the requirement for a master's degree.

The tables on pages 60-61 show what studies are required and what studies are elective in the courses that are prescribed for the respective degrees of bachelor of arts, bachelor of science, and bachelor of pedagogy. Information is also there given as to what studies may be taken instead of the elective studies.

I. School of Greek.

Professor Loos.

Assistant Professor McCartney.

The aim of the instruction during the first years is to train the student toward reading Greek with facility and accuracy. To this end special attention is given to vocabulary, constructions and arrangements of words.

The proper pronunciation of the language is insisted upon, and particular attention is paid to the accents. Comparative philology, etymology and synonomy are made subjects of daily discussion.

Constant stress is laid upon the language, style, thought and spirit of the authors read. In the reading of poetry, the rhythmic structure of the verse is strictly regarded. In the daily recitations, the authors are used to illustrate the Greek Scriptures and a comparison of these authors, in their literary and ethical character, with the Word of God, is made a matter of interest to the classes.

In the first and second years an hour a week for one term is devoted to the study of the Greek of the New Testament. In the fourth year the first term is given to reading a Greek drama and selections from the Septuagint; the second term to the Septuagint and selections from the New Testament Epistles. During this year students are instructed by lectures and by daily illustrations in the class-readings in the peculiarities of Hellenistic Greek. As much attention as possible is given in the reading of the Greek Scriptures to exegesis, but no distinctly doctrinal points are touched upon.

COURSE A.

1. Lysias: four orations; Greek oratory; Athenian judicial procedure. First term, fifteen weeks. 5*
2. Herodotus: selections fom books VI. and VII.; the Ionic dialect. First term, four weeks; second term, three weeks. 5.
3. Homer: Iliad, books I. to III.; Odyssey, book XII.; the Epic dialect; the dactylic hexameter verse; Greek mythology. Second term, thirteen weeks. 5.
4. Greek New Testament: the Gospel according to Matthew; introduction to the study of Hellenistic Greek. Second term, three weeks. 5.
5. Greek prose composition: oral and written exercises. Every Thursday.

Course A is open to students that have completed the preparatory courses in Greek and in the history of Greece.

COURSE B.

1. Xenophon: Memorabilia, selections. Plato: Apology. First term. 4.
2. Plato: Crito and Phaedo, selections. Thucydides: book I. Second term. 3.
3. Greek New Testament: the Gospels, selections. Second term. 1.

COURSE C.

1. Demosthenes: Selected Olynthiacs and Philippics. Theocritus, selections, begun. First term. 3.
2. Theocritus. Sophocles: Antigone. Second term. 3.
3. Lectures on Greek drama and Greek prosody. Translations at sight from Greek poets. Second term.

---

*The figures following the statements of each term's work indicate the number of hours a week.

COURSE D.

1. Aeschylus: Prometheus. Septuagint, selections, begun. First term. 3.
2. Septuagint. New Testament, selections from the Epistles. Second term. 3.
3. Lectures on the Hellenistic Greek. Second term.

Text-Books.—Wait's or Morgan's Orations of Lysias; Keep's Stories from Herodotus; Seymour's Homer's Iliad; Minckwitz' Odyssey; Westcott and Hort's Greek New Testament; Smith's Xenophon's Memorabilia; Kitchel's Plato's Apology, Crito, and Phaedo; Morris's Thucydides; Tyler's Demosthenes; White's Oedipus Tyrannus; D'Ooge's Antigone; Allen's Medea and Prometheus.

II. School of Latin.

Professor Milligan.

Latin is studied (1) as an unexcelled means of intellectual training; (2) for the acquaintance with its literature, which is one of the requisites of modern culture; (3) as a necessary medium through which to form a sympathetic and intelligent acquaintance with the great people in whose history ancient history merges and modern history originates; (4) as an important factor in the formation of the English language; (5) as the best preliminary to the study of the Romance languages. To secure to the student the advantages that accrue from a diligent and intelligent study of the language, its literature and related subjects is the general object of this school.

The study of works of the best Latin authors is supplemented by that of auxiliary books. Oral translation and drill are varied with written exercises of different kinds on the blackboard and on paper, long passages are

occasionally read to the classes, and original investigation and independent reading are aided and encouraged. The immediate object in the first years is to fix in the student's mind a full, exact and practical knowledge of forms and constructions, to cultivate an acquaintance with the niceties of prose arrangement and the peculiarities of poetic style and metrical structure, and to promote familiarity with ancient modes of thought and expression by often dealing with the language directly, rather than always through the medium of the vernacular. To this end writing Latin, expressive reading of easy passages without translating them, and memorizing of fine passages are required throughout the courses. The Roman pronunciation is followed, and a careful regard for quantity is enjoined. Due attention is given to questions of geography, history, mythology and antiquities, and to the relation of Latin to Greek, to English and to the principal Romance languages, matters important in themselves and useful in the formation of correct mental habits. Excellent wall maps and the best necessary books of reference are parts of the equipment of the school. Throughout the four years the Latin classics are studied as polite literature. The authors of the fourth year course are arranged with a view to affording, with the aid of collateral reading of a History of Roman Literature, a conspectus of the development of the language and its literature from their beginnings until after they entered on their decline.

COURSE A.

1. **Virgil: the Aeneid, books I.-VI.; the Latin declension of Greek nouns, the dactylic hexameter verse**

and peculiarities of Latin poetry. Introduction to Roman mythology. One session. 5.

2. Latin prose composition; oral and written exercises. Every Tuesday.

Course A is open to students who have completed the academic courses of Latin and of the history of Rome.

COURSE B.

1. Livy: the preface, and books XXI. and XXII. First term. 4.
2. Lyric poetry: selected odes and epodes of Horace; comparisons with Catullus. Second term. 4.
3. Latin prose composition after classical models. Every Thursday.

COURSE C.

1. Horace: selected satires and epistles; the life and times of Horace as read in his writings. First term. 3.
2. Tacitus; the Germania and the Agricola; Rome and her provinces under the emperors. Second term. 3.
3. Writing connected discourse. Alternate Fridays.

COURSE D.

1. Early Latin: written exercises in changing early Latin into classical Latin and classical Latin into consistent early Latin. First term, six weeks. 3.
2. Lucretius: books I. and V.; place of Lucretius in literature and of Rome in philosophy. First term, eleven weeks. 3.
3. Cicero: book I. of the Tusculan Disputations and the Somnium Scipionis; retroversion of a passage translated from one of Cicero's works. Second term, ten weeks. 3.
4. Juvenal: seven satires; Roman life in the first century of the empire. Second term, seven weeks. 3.

5. History of Roman Literature; private reading through the session under the direction of the professor.
6. Occasional conferences on questions of Latin grammar, Roman antiquities, the topography of Rome and the history of the Latin language.

Text-Books.—Bennett's Virgil's Aeneid; Mulholland's Arnold's Latin Prose Composition; Lord's Livy; Shorey and Kirkland's Horace; Gudeman's Agricola and Germania of Tacitus; Allen's Remnants of Early Latin; Cruttwell's History of Roman Literature; Kelsey's Lucretius; Rockwood's Cicero's Tusculan Disputations and Somnium Scipionis; Anthon's Juvenal.

III. School of English.

Professor Freeman.

Courses are offered in (1) rhetoric and composition; (2) English literature; (3) American Literature; (4) the history and development of the language; (5) the principles of literary criticism.

The course in rhetoric and composition is practical. It aims to correct errors in thought and in expression by frequent practice in written discourse, and to direct attention to qualities of style and methods of composition. Supplementary reading is required, and emphasis is laid upon the principle that the way to improve the quality of the style is to improve the quality of the thought. Studies in literature and composition are co-ordinated. Subjects for composition are drawn, principally, from the literature under consideration, and written work is required in connection with all the courses in literature.

The courses in literature are both historical and critical. The object is to make the student familiar with the growth and history of the great periods of English and American literature, as well as with the writings of some of the principal English and American authors. Great care is taken to induce students to read carefully and critically in order to develop literary taste, and to establish correct standards of literary criticism.

The purpose of the course in the history of the language is to show the growth of the vocabulary and of the syntax of English. This course includes the study of selections from the old and middle English, and a survey of the history of the language to the present time. Questions of phonology, etymology and inflection are considered by means of lectures that supplement the text-books used.

In order to be admitted to this school, the applicant must give satisfactory evidence that he has completed the following courses of study in the Academy, or their equivalent: English Grammar, Rhetoric, English Literature, and the History of England.

COURSE A.

1. Rhetoric and composition: the essential qualities of good style carefully studied by critically reading specimens of modern English prose in connection with Hill's Principles of Rhetoric and Carpenter and Brewster's Modern English Prose. Compositions required every two weeks. First term. 5.
2. English Literature: introductory to the other courses in literature; an outline of the history of English literature, with critical reading of selections from the writings of representative authors.

Pancoast's History of English Literature; Syle's From Milton to Tennyson; selected numbers of the Riverside Literature Series. Second term. 5.

COURSE B.

1. The Elizabethan drama: some attention will be paid to the origin and development of the drama in England; the life, times and dramatic art of Shakespeare and his contemporaries. Four of Shakespeare's plays, one of Marlowe's and one of Jonson's critically studied. First term. 3.
2. American Literature: the history of literature in America, with critical readings and discussions of productions by American writers. Emerson, Lowell, Longfellow and Poe studied as representative American authors. Painter's Poets of the South. Second term. 3.

COURSE C.

1. English epic poetry: Spenser and Milton; the characteristics of epic poetry; selected books of the Faerie Queene and of Paradise Lost critically studied. First term. 3.
2. Poetry of the Victorian Age: Tennyson and Browning studied as representative authors. Second term. 3.

COURSE D.

1. Old English: Bright's Anglo-Saxon Grammar and Reader. First term, fifteen weeks. 3.
2. Middle English: selections from Chaucer's Canterbury Tales. First term, four weeks; second term, eight weeks. 3.
3. History of the English Language: lectures in connection with Emerson's History of the English Language. Second term, ten weeks. 3.

4. Literary criticism: a study of the principles and purpose of literary criticism; Winchester's Principles of Literary criticism; collateral reading of masterpieces of prose and of poetry; written reports and discussions. First term. 3.
5. The English Novel: the history of the English novel. The class is required to read ten representative novels. Cross's Development of the English Novel and Bliss Perry's Study of Prose Fiction are used as text-books. Second term. 3.

D1, D2, D3 were not offered during the session of 1904-5.

IV. School of Modern Languages.

Professor Zembrod.

Courses are offered in French and in German. The object is to enable the student to translate, write and pronounce classic and modern French and German with ease and fluency. As often as practicable, exercises are given whereby a good speaking knowledge of these languages may be acquired. Much attention is paid to pronunciation, inflection and composition in connection with every course. In the more advanced classes, papers treating of the life and works of the leading French and German authors, as well as of French and German literature in general, are read and discussed.

FRENCH.

COURSE A.

1. Fraser and Squair's French Grammar. The session.

2. Lamartine's Graziella. First term, nine weeks. 3.
3. Loti's Ramuntcho. First term, nine weeks. 3.
4. Bowen's French Lyrics. Second term, nine weeks. 3.
5. Francois Coppee's Le Luthier de Cremone and Le Tresor. Second term, nine weeks. 3.

COURSE B.

1. Racine's Iphigenie. First term, twelve weeks. 2.
2. Racine's Andromaque. First term, seven weeks; second term, six weeks. 2.
3. Corneille's Le Cid. Second term, twelve weeks. 2.
4. Victor Hugo's Hernani. Second term, seven weeks. 2.

GERMAN.

COURSE A.

1. Bierwirth's German Grammar completed; Baumbach's Fairy Tales; German poetry; Eichendorff's Aus dem Leben eines Taugenichts. First term, thirteen weeks. 3.
2. Bernhardt's Novelletten Bibliothek. First term, six weeks; second term, six weeks. 3.
3. Schiller's Wilhelm Tell. Second term, eleven weeks. 3.
4. German Composition. The session.

COURSE B.

1. Schiller's Maria Stuart. First term, ten weeks. 3.
2. Lessing's Minna von Barnhelm. First term, nine weeks. 3.
3. Lessing's Emilia Galotti. Second term, nine weeks. 3.
4. Goethe's Egmont. Second term, nine weeks. 3.

V. School of History.

Professor Myers.

The courses in history will emphasize the idea of the unity of mankind. The aim will be to obtain through a study of the conditions and events of the past an understanding of the conditions and problems of the present. The work will be carried on by means of text-books, supplementary readings, lectures, and the preparation of themes.

Candidates for admission to the courses in history should bring certified statements of their preparatory work. It is expected that they shall have completed the history offered in the Academy, or its equivalent.

The first year in history, as given below, corresponds to the student's sophomore year, but freshmen will be admitted to course A if they can satisfy the instructor that their preparation has been adequate.

The classes will regularly report three times a week, according to the schedule, but the instructor will call for daily recitations when in that way a subject can be more satisfactorily studied.

COURSE A.

1. European History: an outline course intended as a basis for more detailed work. One year. 3.

COURSE B.

1. The Period of the Reformation: a special study of the political, religious, and social life of the period, and of the movements growing out of it. First term. 3.

2. The French Revolution: this is a continuation of course 1, and will involve a study of the Revolution in France, as well as of its influence upon other nations. Second term. 3.

COURSE C.

1. American History: a survey of the early conditions in North America, followed by a closer study of the courses of the Revolution, of the development of national and state organization, and of the causes and results of the Civil War. One year. 3.

Text-Books.—Robinson's Western Europe; Thatcher and Schwill's Middle Age; Fyffe's Modern Europe; Seebohm's Era of the Protestant Revolution; Fisher's History of the Reformation; Hausser's Period of the Reformation; Mathew's French Revolution; Morse Stephens's French Revolution; Johnston's Napoleon; Thwaites's The Colonies; Hart's Formation of the Union; Wilson's Division and Reunion.

VI. School of Biblical History and Literature.

Professor Jenkins.

The studies of this school are intended to lead to such general knowledge of the Bible as is requisite in a liberal education. It is more and more coming to be understood that no education is complete without a knowledge of the masterpieces of literature contained in the English Bible. The epic and dramatic poetry of the Old Testament, the movement of Semitic history, and the profound and eloquent utterances of the prophets of Israel have influenced human thought and literature in a way that justifies their study in college class-

rooms, side by side with the histories and the epic and dramatic poems of the Greek and Roman peoples; while the Sermon on the Mount, the parables and other words of Jesus, together with the great letters of St. Paul, have left their indelible impression upon literature and life. No education is well rounded which ignores literature and history like these. No student passes through Kentucky University who does not obtain at least an elementary knowledge of this most important book in all literature.

1. Old Testament History and Literature. First term. 4.
2. New Testament History and Literature. Second term. 4.

Text-Books.—The revised version of the Old and New Testaments; Maclear's Class Books of Old and New Testament History.

VII. School of Mathematics and Astronomy.

Professor Lloyd.

There are two well recognized purposes for which the study of mathematics may be pursued, professional use and mental culture; but the latter of these alone justifies placing the science in the curriculum of a college of liberal arts. The chief aim, therefore, in this school is to aid the development of powers and habits of mind which every educated person should possess. Among these may be mentioned sustained, independent reasoning upon questions of a complex character, and

the formation of clear and exact notions of things of the most abstruse nature.

The student is taught to regard the recitation room as a laboratory of practical logic. He learns by doing, but he is brought to realize that successful effort in the domain of the reason can only follow correct and distinct concepts with which the reasoning is concerned.

It is hoped that the courses offered are sufficient to make the student not only independent of the teacher in reading mathematics along the usual lines, but capable also of vigorous thinking on any subject which may engage his attention.

MATHEMATICS.

COURSE A.

1. Geometry, solid and spherical; exercises. First term, fifteen weeks. 5.
2. Plane Trigonometry. First term, four weeks; second term, six weeks. 5.
3. Spherical Trigonometry. Second term, four weeks. 5.
4. College Algebra. Second term, four weeks. 5.

COURSE B.

1. College Algebra completed. First term. 4.
2. Plane Analytic Geometry. Second term. 4.

COURSE C.

1. Differential Calculus. First term. 3.
2. Integral Calculus. Second term. 3.

ASTRONOMY.

1. Elementary course based on Young's Elements, with lectures and the use of the sextant and equatorial telescope. The session. 2.

Pre-requisites, Mathematics A and Physics.

VIII. School of Natural Science.

Professor Fairhurst.

Assistant Professor Porter.

In this school the aim is to enable the student to acquire, as far as possible in the time allotted, both a practical and a theoretical knowledge of the branches taught.

The laboratory methods are used as far as practicable, and students are thrown largely upon their own resources. The chemical laboratory will accommodate fifty students. Laboratories for practical work in physics and in biology will be suitably furnished for the next session.

A good deal of practical work will be done in geology and mineralogy.

PHYSICS AND CHEMISTRY.

Professor Fairhurst.

COURSE A.

1. Physics: Molar Dynamics—force and momentum, measurement of force, Newton's laws of motion, machines, the pendulum, gravitation, properties of matter, dynamics of fluids, atmospheric pressure,

sounds. Molecular Dynamics—heat, thermometry, calorimetry, methods of producing cold artificially. Ether Dynamics—light, reflection of light, refraction, analysis of light, optical instruments, electrostatics, electrical machines. Electrokinetics, voltaic batteries, storage batteries, magnetism, resistance of conductors, telegraphy, telephony. Three hours' class work and two hours' laboratory work a week during the session.

Course A is open to students that have completed the preparatory courses in algebra and geometry.

COURSE B.

1. General Chemistry: the physical and chemical properties of the principal non-metals and metals. Each student works in the laboratory from the first, and makes a written record of his work. A general knowledge of the laws of chemistry and of the methods of performing the simpler kinds of chemical experiments is acquired. Three hours class work and two hours laboratory work a week during the session.

COURSE C.

1. Qualitative Analysis: the methods of separating and identifying the various elements and their compounds. Work in the laboratory and class, five hours a week during the session.

COURSE D.

1. Quantitative Analysis and Organic Chemistry. Each one half session, five hours a week.

BIOLOGY AND GEOLOGY.

Assistant Professor Porter.

COURSE E.

1. Anatomy, Physiology and Hygiene: text-book supplemented by demonstrations, practical exercises in the laboratory and the microscopical examination of prepared tissues. First term. 5.
2. Geology: physiographic, structural, dynamical and historical. Laboratory work on the common rocks and minerals, identification of fossils, map and section drawing. Several excursions required. Second term. 5.

COURSE F.

1. Zoology: animal structure and the relation of animals to their surroundings. Laboratory work with the compound microscope and the dissection of representative types, such as hydra, star-fish, fresh-water clam, crayfish, grasshopper and frog. First term. 5.
2. Botany: life processes of plants, structure of plants and functions of parts, life history, study of types of the larger groups—algae, fungi, liverworts, mosses, ferns, seed-plants. Laboratory work includes experiments, work with compound microscope, drawing and classification. Second term. 5.

IX. School of Philosophy.

Professor Jefferson.

The courses of study in this school are intended to aid students in acquiring such accurate and systematic

knowledge of the elements and principles of logic, psychology, ethics, economics, and sociology, and of the fundamental problems and principles of modern philosophy, as will both secure the greatest immediate practical benefit to be derived from these studies and furnish also the best preparation for further philosophical pursuits. The studies of the first and second years are required for all baccalaureate degrees; those of the third year are elective.

COURSE A.

1. Logic. First term. 5.
2. Psychology. Second term. 5.

COURSE B.

1. Economics. First term. 5.
2. Ethics. Second term. 5.

COURSE C.

1. History of Philosophy. The session. 3.

Text-Books.—Creighton's Logic; Baldwin's Psychology; Fetter's Principles of Economics; Mackenzie's Ethics; Weber's History of Philosophy.

COURSE D.

Professor Jenkins.

1. Sociology. One session. 1.

This course consists of lectures on the problems of modern society. Charity, labor, liquor legislation, marriage and divorce, and kindred topics will be treated. Subjects for original investigation and parallel reading will be assigned.

This course is required for all baccalaureate degrees.

X. School of Pedagogy.

Professor Willis.

The purpose of this school is to prepare teachers for any grade of public school, high school, or collegiate work. The course is not intended for beginners; it is professional and requires for entrance about the same preparation as any other school of the College of Liberal Arts. Students have access to a good department library; they have also an opportunity to inspect in the city schools of Lexington every grade of public school work, including kindergarten, manual training, and high school. Considerable time is given to school inspection. Strong features of the course are the lectures, class papers, and discussions. Outlines are made and critical reviews are conducted.

COURSE A.

1. History of Education, Seeley. First term. 5.
2. Psychology, Halleck. Second term, ten weeks. 5.
3. School Management, White. Method, in form of lectures, outlines, and discussions; critical study of primary work. Second term, ten weeks. 5.

COURSE B.

1. Advanced method, Brooks. Critical study of methods in high school work. First term. 5.
2. Advanced Management, Baldwin. Second term. 5.

COURSE C.

1. History of Education, Campayre, Kemp. First term. 4.
2. Psychology, Baldwin. Second term. 4.

COURSE D.

1. Metaphysics, Bowne. First term, fifteen weeks. 4.
2. Epistemology. First term, five weeks; second term, five weeks. 4.
3. Aesthetics, Knight. Second term, ten weeks. 4.

In both common school and high school branches, courses leading to county certificate, state diploma, and professional degrees are offered.

ORDER OF RECITATIONS.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8:30	Latin A German B Philosophy A Science C and E	Latin A English B French B Mathematics B Philosophy A Science C and E	Latin A English B German B Mathematics B Philosophy A Science C and E	Latin A French B Mathematics B Philosophy A Science C and E	Latin A English B German B Mathematics B Philosophy A Science C and E
9:30	Greek A Greek B Latin C English A (1) Mathematics A (1) Pedagogy C Science B Philosophy C	Greek A Greek D English A Mathematics A Pedagogy C Science B Philosophy C	Greek A Greek B Latin C English A Mathematics A Pedagogy C Science B Philosophy C	Greek A Greek B English A Mathematics A Pedagogy C Science B Philosopy C	Greek A Greek B Latin C English A Mathematics A Science B Philosophy C
10:30	Chapel	Chapel	Chapel	Chapel	Chapel
11	Latin B History C Biblical History Science A and F Pedagogy D	Greek C Latin B English C Biblical History Science A and F Pedagogy D	Greek D History C Sociology Science A and F Pedagogy D	Greek C Latin B English C Biblical History Science A and F Pedagogy D	Greek C Latin B English C History C Biblical History Science A and F
12	Latin D English A (2) History B Mathematics C Astronomy	English A German A Astronomy	Latin D English A History B Mathematics C Astronomy	Greek D English A German A Astronomy	Latin D English A German A History B Mathematics C Astronomy
2	English D French A Mathematics A (2) Pedagogy B	French A Mathematics A Pedagogy B	English D French A Mathematics A Pedagogy B	English D French A Mathematics A Pedagogy B	Mathematics A Pedagogy B
3	History A Philosophy B Pedagogy A	Philosophy B Pedagogy A	History A Philosophy B Pedagogy A	History A Philosophy B Pedagogy A	Philosophy B Pedagogy A

Recitations.

Every recitation occupies an hour.

The number of recitations of every student must be not less than twelve a week and cannot, without special permission of the Faculty, exceed twenty a week.

Difficulties arising from the recitation of two or more classes at the same hour can, in general, be satisfactorily adjusted by any member of the Faculty.

Selection of Classes and Courses.

Every student may, in any school, enter whatever class his attainments entitle him to enter, without regard to the degree of his advancement in the studies of other schools.

A student who does not desire to pursue a course that leads to a degree, may pursue a special course arranged in consultation with the president. Students that are pursuing a course that leads to a degree should, early in their course, arrange a schedule of their hours of recitation until their graduation. Conflicts of recitation in the last years of their course may thus be avoided.

Examinations and Reports.

There are two kinds of examinations, the first in connection with lectures and recitations during a term, the second at the end of each term.

The examinations at the end of each term are chiefly or wholly written tests of the student's knowledge of the subject of study by questions whose values, together

amounting to one hundred, have been fixed by the instructor before the examination begins. Oral examinations whose values have been fixed beforehand may, at the discretion of the instructor, be held in addition to those in writing.

From the examinations during and at the end of each term estimates of the student's scholarship are made, and reports thereof are sent to his parent or guardian, or are given to the student himself if he is of age.

In these reports, which contain an estimate of the student's conduct also and a record of his absences, one hundred denotes perfect merit, and seventy-five the lowest that entitles him to regular standing in a class. Every student should merit a hundred for conduct, zero for unexcused absences, and eighty or more, according to his ability, for scholarship. Unexcused absences from recitations and regular class exercises during a term, or from examinations at the end of a term, lower the estimates of conduct and either lower or entirely prevent estimates of scholarship.

No student whose absences and refusals to recite amount in the case of any study to one-tenth of the number of the meetings of the class pursuing that study can receive grades for his work. This rule may, at the discretion of the professor, be relaxed in cases of protracted illness or of a necessity of meeting expenses by such an amount of labor as does not seriously interfere with the efficient discharge of class duties.

Attendance at the spring examination of any class is optional with every member of the class who is a candidate for graduation that session and who has

grades for the second term of not less than ninety each for attendance and scholarship, and a hundred for conduct.

In addition to the reports that are sent to parents and guardians at the end of each term, a general estimate of a student's progress in his studies is sent at the middle of each term.

Order of the Examinations.

The last six academic days of the first term and of the second term before Commencement week are devoted to the examinations, which begin at 9 o'clock a. m., and continue until every member of the classes under examination has had reasonably sufficient time for answering all the questions.

The examinations are conducted according to the following schedule, in which the classes are designated by the numbers of the hours at which they usually recite:

First day—The three o'clock classes.
Second day—The half-past nine o'clock classes.
Third day—The half-past eight o'clock classes.
Fourth day—The two o'clock classes.
Fifth day—The twelve o'clock classes.
Sixth day—The eleven o'clock classes.

The Honor System.

The students of the College of Liberal Arts have adopted the honor system in examinations and all written tests. By this action the students express their willingness to relieve the Faculty of responsibility and

discipline in the case of a student found guilty of using unfair means in examination.

The resolutions passed by the students are substantially as follows: That cheating in examinations and written tests is dishonorable and disgraceful; that the case of any student suspected of cheating shall be investigated, and, if found guilty, he shall be asked to withdraw from the College; that the committee of investigation shall consist of the presidents and secretaries of the different classes, and a chairman elected by the student body for one year.

The following pledge is signed by each student in each examination: "I affirm upon my honor that I have neither received nor given assistance on this examination."

It is for a violation of this pledge that a student is prosecuted before the committee of investigation. As the students voluntarily assumed this duty, it is confidently believed that they will continue faithfully to execute it. Proper effort will be made to protect students from temptation to violate their pledges. The spirit of truth and honor thus fostered in the examination room is pervading every phase of student life.

Graduation and Degrees.

A student may graduate in any school or course for a degree of the College of Liberal Arts on the following conditions:

1. That he shall have pursued the studies of that school or course for at least one year and shall have completed in a satisfactory manner all the studies thereof, or an equivalent.

2. That he shall have observed the rules of the University.

Requirements for Degrees.

Bachelor of Arts.

Greek A, B, [C] or German A, B and French A, B.
Latin A, B, [C].
English A, B.
History A, B.
Biblical History and Literature 1, 2.
Mathematics A, B1, [B2, C].
Astronomy 1.
Physics and Chemistry A or B.
Biology and Geology, one year (E1 or F1 and E2 or F2).
Philosophy A, B.
Sociology 1.

Substitutes.—Courses in brackets are elective. For these substitutes may be chosen from the following:

Greek D.
Latin D.
English C, D.
History C.
Philosophy C.
Physics and Chemistry, two years.
Biology and Geology, one year.
Hebrew and Biblical Criticism in the College of the Bible.

Bachelor of Science.

English A, B.
French [A, B].
German [A, B].
History A, B.
Biblical History and Literature 1, 2.
Mathematics A, B, C.
Astronomy 1.
Science, four years.
Philosophy A, B.
Sociology 1.

Substitutes.—For the elective courses, French A, B and German A, B, substitutes may be chosen from Greek A, B and Latin A, B.

Bachelor of Pedagogy.

Pedagogy A, B, [C], D.
Greek [A, B].
Latin A, B, C.
English A, B, C.
History A, B, [C].
Biblical History and Literature 1, 2.
Mathematics A, B.
Physics and Chemistry A or B.
Biology and Geology, one year.
Philosophy A1, B1.
Sociology 1.

Substitutes.—For Greek A, B a candidate for the degree of bachelor of pedagogy may elect French A, B or German A, B; for History C and Pedagogy C he may elect substitutes from the list given above for candidates for the degree of bachelor of arts.

Honors.

All candidates for baccalaureate degrees that obtain an average for scholarship in the College of Liberal Arts of not less than ninety are designated honor students. The first honor is awarded to that candidate for graduation whose average for scholarship is, in the judgment of the Faculty, highest among the honor students that have pursued the same baccalaureate course.

The valedictory is awarded to that candidate for graduation in any of these courses whose average standing is, at the time of the award, highest; the salutatory to that candidate whose average standing is then next to the highest; and the class oration or address to that candidate whose average standing is then third. But neither the first honor, the valedictory, the salutatory, nor the class oration or address can be awarded to a student who will not, at the time of his graduation, be completing at least his second full session of work in the College of Liberal Arts, of which he must, during the last session, have been a matriculate.

Courses For Special Honors.

Special honors are awarded in the different schools of the College of Liberal Arts under the following conditions:

1. Students who desire to study for special honors must obtain permission from the Faculty to undertake such study, before the end of the second week of the session in which the work is to be done.

2. They must complete with a standing of ninety

or more all of the courses offered in the school in which they seek special honors, and must take, in addition, such courses of study and reading, or of investigation, as shall be prescribed by the professor in charge of the school, and approved by the Faculty. They must pass a satisfactory examination on the work done, and present, if required, a thesis on a subject approved by the professor.

3. No student may continue his work for special honors, if in any school his average grade falls below eighty; nor may he substitute his additional work for any part of the requirements for a baccalaureate degree.

Courses for Masters' Degrees.

A candidate may be admitted to the degree of master of arts or master of science on the following conditions:

1. That he shall, at least one year before, have received the degree of bachelor of arts or bachelor of science from the College of Liberal Arts or from an institution of equal grade.

2. That he shall, as a resident graduate, have observed the rules of the University and completed to the satisfaction of the Faculty an additional year of work —equivalent to at least fifteen hours of recitation a week—in such of the following schools as he may select, and in which he has for his bachelor's degree done without substitution what is therein required: Greek, Latin, English, modern languages, history, mathematics, natural science and philosophy.

Every candidate for a master's degree must obtain an average for scholarship of not less than eighty in every course of study selected for that degree.

Special courses of graduate studies may be arranged for matriculates who are qualified to pursue such studies with profit, but who are not candidates for a master's degree.

College of the Bible

Faculty

John William McGarvey, A. M., LL. D., President.
Isaiah Boone Grubbs, A. M.
Benjamin Cassel Deweese, A. M.
Samuel Mitchell Jefferson, A. M., LL. D.
Hall Laurie Calhoun, Ph. D.

General Design of the College

The design of the institution is to prepare young men for usefulness in the Church, by furnishing them with systematic instruction in the Word of God in both the English version and the original tongues; and with an accurate knowledge of those kindred branches which are necessary to efficiency in the Christian ministry. While its courses of study are especially adapted to those who intend to be preachers of the Gospel, its classes are open to all religious young men and women who wish to extend their knowledge of the Scriptures. Students are received in all stages of advancement, from those who have acquired only a common school education to those who have received literary degrees. The

former have the privilege of pursuing classical and scientific studies in the sister College of Liberal Arts *pari passu* with those in the College of the Bible; and experience teaches that this is the better way in which to master both.

Courses of Instruction

I. Sacred History.

THE FRESHMAN CLASS.

Professor McGarvey.

First Term—Genesis, Exodus, Leviticus.
Second Term—The Pentateuch completed, Joshua, Judges, Ruth, Job.

During this year, in addition to the history found in these books, the law of Moses is set forth systematically, its statutes, both civil and religious, being properly classified according to the method employed in modern statute books. All these are studied with reference to the time, place and other circumstances of their enactment. The knowledge thus acquired is indispensable to the proper understanding of many passages in the later books of the Bible, and it enables the student to compare intelligently the statutes given to Israel with those of other states, and to distinguish clearly the Mosaic from the Christian dispensation.

THE SOPHOMORE CLASS.

Professor McGarvey.

First Term—First and Second Samuel; First and Second Kings to the close of Solomon's Reign; Historical View of the Psalms.

Second Term—The other Historical Books of the Old Testament, with a Historical View of the Books of the Prophets, followed by a brief sketch of Jewish History between the close of the Old Testament and the opening of the New.

The studies of this year cover a much neglected but exceedingly important portion of sacred history. No other part of the Bible furnishes so many illustrations of the divine government, and of the practical working of sin and redemption. It should be well understood by preachers for the additional reason, that it is the field of a large amount of the controversy now in progress between belief and unbelief. The sketch at the close of the year brings the student forward to the culmination of the old dispensation and prepares him for a better understanding of the new.

The freshman and sophomore classes are required to memorize the facts, and in some instances the words of the text.

THE JUNIOR CLASS.

Professor Deweese.

First Term—The Gospels of Matthew and Mark.

Second Term—The Gospels of Luke and John, and the Chronology of all the Gospels.

The members of this class are required to memorize the text, except in a few places, so that they may always have it at easy command. They study the matter and structure of every gospel separately, so as to know it as a book, and then by means of a review they arrange the facts in their chronological order so far as this can be clearly ascertained.

THE SENIOR CLASS.

Professor Deweese.

Acts of Apostles; historical study of the epistles; later apostolic history and Christian Missions.

This class studies the progress of the church throughout the apostolic age; the controversial questions which have arisen in connection with this history, the historical matter to be gleaned from the Epistles and the Apocalypse; and the history of Missions.

Text-Book—Throughout the course in Sacred History, the Revised English Bible is the text-book.

Books of Reference—The works of Josephus, a Biblical atlas, McGarvey's Lands of the Bible, Rawlinson's Ancient Monarchies and the Encyclopedias.

The history is also copiously illustrated by stereopticon views of places in Bible lands as they now appear.

II. Ancient Civil History.

ONE YEAR.

Professor Calhoun.

This course treats of Egyptian, Assyrian, Babylonian, Persian, Greek and Roman History, with special

reference to the connection between these and that of the Hebrews. It runs parallel with the whole course of Sacred History, and is intended to enable the student to see the latter as a part of the general history of mankind. In addition to lectures and assigned study of the text-book, the work includes collateral reading and frequent written reports on prescribed subjects. The course is copiously illustrated with lantern slides.

Text-Book.—Myer's Ancient History.

III. Christian Doctrine and Church Polity.

ONE-HALF YEAR.

Professor Grubbs.

The text-book in this course is Scheme of Redemption by Robert Milligan, the first president of this college. Parts are omitted because embraced in other courses, and instead thereof important oral instruction is given. It more nearly approaches the subject usually styled systematic theology than any other course in this college, but it differs from that branch in adhering strictly to scripture teaching, and discarding all philosophical speculation.

IV. Church History.

ONE-HALF YEAR.

Professor Grubbs.

It being impossible within the limits of a college

course to impart a thorough knowledge of this vast and ever growing subject, only those historical facts are set forth, and those phases of teaching that every preacher should be acquainted with in the beginning of his ministry. The rest are left as studies of a lifetime.

V. Hermeneutics and Exegesis.

ONE YEAR.

Professor Grubbs.

The principles of the science are first carefully unfolded, and the rest of the year is devoted to their practical application in the exegesis of some of the more important epistles. The purpose of the course is to impart to the student some experience and skill in exegesis and at the same time a thorough knowledge of the epistles which are expounded.

VI. Homiletics, and Worship and Work of the Church.

Professor Jefferson.

This course embraces a careful study of the preparation and delivery of sermons, with practical exercises in the same; also instruction in the other functions of the Christian ministry, and in the worship and work of the church.

Homiletics. First term.
Worship and Work of the Church. Second term.

VII. Hebrew Language and Literature.

ONE YEAR.

Professor Calhoun.

The class meets daily and does the same amount of work which classes do that continue the study for two years but meet only two or three times per week. The freshest and most approved methods of instruction are employed, and such knowledge of the language is imparted as enables the student to prosecute further study of it without aid from the living teacher. The growing importance of a knowledge of Hebrew is fully appreciated by the College. Constant effort is made to increase the number of students who take this course.

VIII. School of Philosophy.

Professor Jefferson.

The courses of study in this school are intended to aid students in acquiring such accurate and systematic knowledge of the elements and principles of logic, psychology, ethics, civics, economics and sociology, and of the fundamental problems and principles of modern philosophy, as will both secure the greatest immediate practical benefit to be derived from these studies, and furnish also the best preparation for further philosophical pursuits.

The studies for the first and second years are re-

quired for baccalaureate degrees; those of the third are elective. Civics may be substituted for economics.

FIRST YEAR.

Logic. First term.
Psychology. Second term.

SECOND YEAR.

Economics. First term.
Ethics. Second term.

THIRD YEAR.

History of Philosophy. The session. 3.

Text-Books.—Creighton's Logic; Baldwin's Psychology; Fetter's Principles of Economics; Mackenzie's Ethics; Ashley's American Federal State; Weber's History of Philosophy.

IX. Biblical Criticism.

ONE YEAR.

Professor Deweese.

In this course the history and present condition of the New Testament text are exhibited; the several books of this Testament are traced back to their authors, and the evidence of the credibility and the inspiration of these books is considered. The same features of the Old Testament are then treated, and

throughout the course the positions and arguments of modern destructive critics are set forth and their merits discussed.

X. Hellenistic Greek.

TWO YEARS.

Professor Loos.

Lectures on the history and character of the Septuagint and New Testament dialect; its peculiarities of diction explained. Exegetical studies in the Septuagint, the New Testament and the Apostolic Fathers.

XI. Reading and Public Speaking.

Professor Calhoun.

Two classes are formed in this department, each of which meets twice a week. They are thoroughly drilled in the art of reading, especially in the reading of hymns and the scriptures. They are also trained in public speaking to the proper use of the vocal organs and the avoidance of improper action.

One class is for beginners: in it special attention is devoted to teaching the *principles* of vocal and pantomimic expression.

The other class is for those who have learned the principles: in it particular attention is given to *practice,* or the application of the principles.

HOURS OF RECITATIONS.

Hours	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8:30	Fresh. Sacred Hist. Junior Philosophy Hebrew	Fresh. Sacred Hist. Junior Philosophy Hebrew English B	Fresh. Sacred Hist. Junior Philosophy Hebrew English B Greek B	Fresh. Sacred Hist. Junior Philosophy Hebrew English B	Fresh. Sacred Hist. Junior Philosophy Hebrew
9:30	Soph. Sacred Hist. Sen. Sac. Hist. and Missions English A (1)	Soph. Sacred Hist. Sen. Sac. Hist. and Missions Public Speaking (1) English A (1) Greek D	Soph. Sacred Hist. Sen. Sac. Hist and Missions Public Speaking (2) English A (1)	Soph. Sacred Hist. Sen. Sac. Hist. and Missions Public Speaking (1) English A (1)	Soph. Sacred Hist. Sen. Sac. Hist. and Missions Public Speaking (2) English A (1) Greek A
10:30	Chapel	Chapel	Chapel	Chapel	Chapel
11	Biblical Criticism Christian Doctrine and Church Polity Church History Nat Science A and E	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and E	Biblical Criticism Christine Doctrine and Church Polity Church History Nat. Science A and E Greek D	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and E	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and E
12	Jun. Sacred History English A (2)	Jun. Sacred History Ancient Civil Hist. English A (2)	Jun. Sacred History Ancient Civil Hist. English A (2)	Jun. Sacred History Ancient Civil Hist. English A (2) Greek B	Jun. Sacred History Ancient Civil Hist. English A (2)
2		Hom., Worship and Work of the Church	Hom., Worship and Work of the Church	Hom., Worship and Work of the Church	Hom., Worship and Work of the Church
3	Hermeneutics and Exegesis Senior Philosophy	Hermeneutics and Exegesis Senior Philosophy Reading (1)	Hermeneutics and Exegesis Senior Philosophy Reading (2)	Hermeneutics and Exegesis Senior Philosophy Reading (1)	Hermeneutics and Exegesis Senior Philosophy Reading (2)

Graduate Courses

I. Advanced Reading in Hebrew.

ONE YEAR.

Professor Calhoun.

II. Historical and Exegetical Study of the Hebrew Prophets.

ONE YEAR.

Professor McGarvey.

Order of Courses

For Graduates of Other Colleges.

First Year—Freshman sacred history; sophomore sacred history; Christian doctrine and the church polity; church history; Hellenistic Greek.

Second Year—Junior sacred history; senior sacred history and missions; Hebrew; Hellenistic Greek; elocution.

Third Year—Homiletics; hermeneutics and exegesis; Biblical criticism.

For Undergraduates.

First Year—Freshman sacred history; civil history; English; mathematics; vocal music.

Second Year—Sophomore sacred history; Christian doctrine and church polity; church history; English and natural science; elocution.

Third Year—Junior sacred history; hermeneutics and exegesis; junior philosophy.

Fourth Year—Senior sacred history and missions; homiletics; senior philosophy; Biblical criticism.

For More Advanced Undergraduates.

First Year—Freshman sacred history; sophomore sacred history; civil history; Christian doctrine and church polity; church history; vocal music; elocution.

Second Year—Junior sacred history; senior sacred history and missions; hermeneutics and exegesis; junior philosophy.

Third Year—Homiletics; senior philosophy; Biblical criticism.

Students are required to attend not less than fifteen recitations a week, and not more than twenty.

For Candidates for the Classical Degree.

In case of students pursuing the full classical course the preceding schedule is so modified as to enable them to take Bible studies and classical studies at the same time. This is wiser than to take either alone.

Literary Societies.

The two literary societies, styled respectively the Philothean, and the Phileusebian, have proved them-

selves very useful auxiliaries in the work of practical education; and they have acquired an enviable reputation for the excellence of their exercises, both public and private. They are supplied in the college edifice with large and beautiful halls, which are furnished in good style.

Conditions of Graduation.

The college confers no degrees; but it grants two diplomas, representing respectively the classical course and the English course.

In order to receive the diploma for the classical course, the candidate must have received the regular degree of bachelor of arts from Kentucky University, or from an institution of like grade, and he must have completed in a satisfactory manner all of the courses mentioned above.

In order to receive the diploma for the English course, he must have completed Algebra and Plane Geometry, the first year of natural science in the College of Liberal Arts, and the first two years of the English language and literature in the same, or their equivalents, and all the courses mentioned above, with the exception of courses VII. and X.

It is further required in order to graduation in either the classical or the English course, that the candidate shall have attained in every class a grade in scholarship of seventy-five on a scale of one hundred; and that he shall have a good standing in Christian character.

A graduation fee of $5 is required.

Conditions of Matriculation.

The applicant for matriculation must be not less than sixteen years of age. He must present satisfactory evidence of good standing as a Christian, a letter of commendation from the church of which he is a member being preferred. He must also be prepared to enter the freshman classes in English, mathematics and natural science in the College of Liberal Arts, or to make up his deficiency under teachers in the Academy. The last requirement is relaxed in the case of men who have already been engaged in preaching with the approval of their congregations, and who desire to take work only in selected studies for which they are prepared.

Students are received at any time; but it is very important that they enter at the beginning of the session. Matriculates in either college can enter classes in the other without additional fees; but every student must matriculate in the college in which he selects the majority of his studies.

Discipline.

Students are required to conduct themselves with strict Christian propriety at all times and in all places. Any failure in this particular which becomes known to the faculty, is followed by due admonition, and, if thought needful, by dismission from the college.

No student is permitted to make appointments for preaching without authority from the congregation of which he is a member, and the permission of the fac-

ulty; nor is any one ordinarily permitted to have more than two regular preaching appointments per month, except seniors in the last half of their senior year.

Athletic sports for the preservation of health are encouraged, but students of this college are not permitted to engage in inter-collegiate contests, either athletic or oratorical.

Examinations and Reports.

Oral recitations are required in all classes, and after every recitation by a student a number is set opposite his name indicating the professor's estimate of his exercise. At the close of every term, or oftener, at the discretion of the professor, written examinations are required, and the professor's estimate of these is recorded.

The average grade of the oral recitations and of the written examinations for a term are balanced, and the result is the student's grade for the term, a report is then submitted to the student, showing his grade, and also showing the degree of his punctuality in attending recitations and chapel exercises, and the faculty's estimate of his general conduct.

Accommodations and Expenses.

The college edifice contains six large recitation rooms, two society halls, a chapel 63 feet in length by 36 in width, and a library and reading room 60 feet by 30. The latter is open throuhout the day, and a librarian is in constant attendance. The building is lighted by gas and heated by furnaces. The latter are so constructed as to afford excellent ventilation.

The library has an endowment of $5,000, the annual proceeds of which are devoted to its support and enlargement.

The gymnasium of the University, erected and furnished at a cost of more than $10,000, is open to all students of the College of the Bible. Regular exercise and bathing, under the supervision of the director ,is the best preservative of health and strength.

The college has the permament use of three brick boarding halls on the University campus, capable of accommodating one hundred students and the family of the matron. These are occupied by the Adelphian Boarding Club, which is organized for self-government, under the oversight of the faculty. The members elect their own officers, subject to the approval of the faculty, fix their own bill of fare, and purchase, through their steward, their own supplies. By skillful management, the result of long experience, they have reduced the cost of living to a minimum, yet they have all that is necessary to comfort and good health.

All occupants of these halls who become seriously ill are taken to the Good Samaritan Hospital, in which the college has a room, and where they are under the care of trained nurses and a physician of their own choice.

No room in the boarding halls can be engaged, except conditionally, by a new student in advance of matriculation; nor can an old student hold unoccupied a room which he may have engaged, longer than the second day of the session, except by agreement of the President.

Permission to occupy a room is granted only by the President, and no exchange of rooms is permitted without his consent. Matriculates of the College of the Bible have preference in the assignment of rooms, but rooms not needed by them may be assigned to other students. An occupant may be deprived of his room at any time for immoral conduct, or for neglect of cleanliness and good order.

Necessary expenses for the entire year may be set down as follows:

Tuition—By the session, $20.00; if payment is made by the term, $11 for each term.

Room in boarding hall, with fuel for the session, $16. All fees are required in advance, and no fee will be refunded.

Meals in boarding hall, weekly in advance, $1.50 to $1.75.

Books, stationery, lights and washing, estimated $25.00.

Some of the rooms are furnished by the College; the rest by the occupants. In the latter case a new occupant buys the interest of his predecessor.

Boarding in private families from $3.50 to $4.00 per week.

Married students can always find cottages or rooms to rent at a moderate price.

Students who rent rooms in the city have the privilege of taking their meals with the club.

Some students of limited means find employment in various kinds of manual labor by which they defray a part of their expenses; but opportunities for remunerative labor are few in proportion to the demand for it,

and no new student should look to this resource during his first session.

The Kentucky Christian Education Society and the Garth Education Society, organizations independent of the College, supplement the means of a lmited number of students, but usually restrict their aid to such as have proved themselves worthy and promising by the work of at least one year in the College.

The class of 1902 resolved that, instead of following the custom of procuring a pin, ring, or some other souvenir, they would establish a fund which should be loaned to worthy men preparing for the ministry. Their action so impressed the class of 1903 that the members of this class unanimously agreed to adopt the same course. This wise and benevolent action, which shows their appreciation of the benefits received from the College of the Bible, cannot fail to do great good.

Many students who have had the experience in preaching receive calls from accessible churches with compensation sufficient for a large part of their expenses, but no student should depend on this for support during his first year.

Directions to Students.

A new student on reaching the railway station should leave his trunk and repair at once to the office of the President in the Bible College building, that he may receive information as to a place of boarding. If he arrives in the night he should thus present himself the next morning.

College of Law

Burris Atkins Jenkins, A. M., D. D., Presiding Officer

Faculty and Lecturers

Lyman Chalkley, B. L.,
Dean and Professor of Common and Statute Law.

John Todd Shelby, A. M.,
Domestic Relations and Pleading.

John Rowan Allen, LL. B.,
Constitutional Law and Evidence.

Judge Jeremiah Rogers Morton, LL. B.,
Corporations and Wills.

Judge James Harvey Hazelrigg, LL. D.,
Agency and Torts.

Judge Mathew Walton,
Commercial Law.

Charles Jacob Bronston, LL. D.,
Criminal Law and Procedure.

Charles Kerr,
Equity Jurisprudence.

George Radford Hunt, B. L.,
Real Property.

George Sea Shanklin,
Conveyancing.

General Statement.

The College of Law of Kentucky University, after an interruption of some sessions, opens its doors again with the beginning of the collegiate year of 1905-6. Its useful and successful past invites and assures a still more useful and successful future. No school of the West has presented a more creditable record, both as to the work accomplished and the number of honorable names upon its list of teachers and students. As the pioneer law school of Transylvania University, and its successor, Kentucky University, it undertook and successfully accomplished the furnishing of legal training to the young men of the region west of the Alleghenies and in the careers of a large number of the names that appear upon the rolls of the civil and political annals of the United States, its teachers and students have been among the most honorable. Through its instrumentality, the fixed principles of the English law and the traditions of common law civilization were preserved amidst all the vicissitudes of migration and transplanting; through the stress and strain of the settlement and organization of a new country; through the trial of war and social upheaval. By means of its teachers, whose minds had come in contact with the best trained intellects, it has handed down through more than one hundred years to younger generations precepts and codes whose truth and stability have been fixed and maintained by the effort and sacrifice of generations of a truth-loving and courageous people. Through its pupils,

the same principles have been carried to still wider sections and its influence broadened so as to touch and affect the institutions of every community of the country. Collins, in his history of Kentucky, says: "No law school in the world ever had such profoundly able men as some who have filled these chairs—George Nicholas, Henry Clay, James Brown, John Pope, John Boyle, William T. Barry, Daniel Mayes, Jesse Bledsoe, Charles Humphreys, George Robertson, Thomas A. Marshall, Aaron K. Woolley, Madison C. Johnson."

Although the law school has been at times embarrassed, and sometimes dormant, it has never been abandoned. Under its present reorganization, Kentucky University asks continued confidence.

While holding to the landmarks and preserving the priceless traditions and precedents, it is proposed to present a course of law studies that will fit the student to practice the profession wherever he may be located. It will be sufficiently broad to provide a comprehensive view of the American law as practiced and enforced today. It will consist of two classes, Junior and Senior, each occupying an entire collegiate year of nine months, and leading to the degree of Bachelor of Laws, two full years' attendance being required for graduation. The tests for graduation will be by oral recitations in the class room and by written examinations.

Junior Class.

The studies in the Junior Class will comprehend Blackstone's Commentaries; Contracts; Agency; Personal Property; Domestic Relations; Real Property;

Carriers; Negotiable Instruments; Torts; Criminal Law; Constitutional Law; Insurance.

Senior Class.

The studies in the Senior Class will comprehend Wills; Corporations; Pleading; Equity; Evidence.

The method of instruction will be founded upon the text-book system, with class room recitations, supplemented by the illustration of principles in decided cases and by lectures by gentlemen eminent in the profession.

Matriculates of the College of Law have the privilege of attending the schools of the College of Liberal Arts without the payment of further fees. While neither a particular course of study nor any previous examination is as yet required for admission to the College of Law, the student is strongly urged to attend, as far as possible, the schools of English, Latin, logic, history, civics, economics, and Biblical history and literature.

The University owns a library of law books, at present deposited with the Lexington Law Library in the Court House, which are subject to the use of students under the rules and regulations of the Lexington Law Library.

The Courts of Fayette County are practically in continuous session throughout the collegiate year, furnishing at all times opportunities for the observation of the application of principles, and of practice and procedure.

Fees.

The fees will be seventy-five dollars for each of the two classes, and a matriculation fee of five dollars. A

further fee of five dollars will be charged for a diploma of graduation. The matriculation fee is payable upon entrance. The tution fee is payable, one-half upon entrance and one-half at the beginning of the second term.

The estimates of the cost of living in Lexington will be found elsewhere in this catalogue in the estimates of expenses for students of the College of Liberal Arts.

For further information, address the Dean, Judge Lyman Chalkley, Lexington, Kentucky.

The Academy

Burris Atkins Jenkins, A. M., D. D., President.

Instructors

Thomas Benton McCartney, Jr., M. A., Ph. D., Principal.
Alfred Charles Zembrod, A. M.
Miss Alice Tribble Karr, B. S.
Mrs. Lena Mosley Ragsdale, A. B.
Frederick Montague Foster, A. M.
Miss Pearl Forsyth.
Martin Luther Hurst.
William Abraham Crowley.

Admission

For entrance into the Academy the applicant must be not less than thirteen years of age, must have completed satisfactorily such studies as are required in the eighth grade of the Lexington public schools, and must show adequate preparation, by examination or otherwise,

especially in geography, grammar, and arithmetic. Pupils, unless excused, must spend daily in the study-hall a required number of hours in study.

Courses of Instruction

The courses of instruction in the Academy are designed primarily to fit students for the freshman classes in the College of Liberal Arts. The text-books used and the methods of teaching employed are carefully adjusted to the needs of the student in his collegiate course. Experience has taught that there is great advantage in beginning the work of the institution in the preparatory department. Students who, in any of the subjects taught, have not the amount of preparation required for admission to the corresponding courses of the College, have here ample facilities for making up their deficiencies. During the past session, in addition to the matriculates of the Academy, nearly one hundred students of the College of Liberal Arts and the College of the Bible received instruction in one or more classes of the Academy.

The courses offered extend through two years each of Greek, Latin, English and history; one year each of natural science, French and German; three years of mathematics.

Greek.

Professor McCartney.

FIRST YEAR.

1. Gleason's Greek Primer begun; exercises at the blackboard, with marking of accents. First term.
2. The Primer completed; exercise work continued. Second term.
3. Moss's Greek Reader; prose composition, written and oral. Second term, fourteen weeks.

SECOND YEAR.

4. Goodwin and White's Xenophon's Anabasis, books I. and II. First term.
5. The Anabasis, books III. and IV. Second term.
6. Guerber's Myths of Greece and Rome. Second term.
7. Pearson's Greek Prose Composition; Babbitt's grammar. The session.

Latin.

FIRST YEAR.

Mr. Foster.

1. Bennett's Foundations of Latin and Bennett's grammar; daily exercises at the blackboard with marking of quantities. The session.
2. Rolfe and Dennison's Junior Latin Book. First term, four weeks; second term.

SECOND YEAR.

Professor McCartney.

3. Caesar, three books or equivalent. First term.
4. Cicero, four orations. Second term.
5. Bennett's Grammar. The session.
6. Arnold's Latin Prose Composition. Every Wednesday.

English.

FIRST YEAR.

Mr. Crowley.

1. Allen's School Grammar with analysis and diagraming of sentences; Buehler's Practical Exercises in English. Four hours a week for one session.
2. Selections from Irving's Sketch Book; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas. One hour a week for one session.

SECOND YEAR.

Mr. Hurst.

3. Lockwood and Emerson's Rhetoric, with exercises in composition. Three hours a week for one session.
4. Burke's Conciliation with the Colonies; Shakespeare's Merchant of Venice; Macaulay's essays on Milton and Addison; exercises in composition. Two hours a week for one session.

French.

Professor Zembrod.

1. Fraser and Squair's French Grammar, Part I., begun. Conversation; drill in pronunciation and in inflection of regular verbs. Writing from dictation. First term.
2. Frazer and Squair, part I., completed. Conversation. Fontaine's Fleurs de France. Second term.

German.

Professor Zembrod.

1. Bierwirth's German Grammar throughout the session.
2. Constant drill in pronunciation, inflection and parsing, accompanied by written and oral exercises. First term.
3. German prose, short stories, conversation and review of grammar. Storm's Immensee. Second term.

Mathematics.

Miss Karr.

FIRST YEAR.

1. Milne's Algebra to simultaneous simple equations. Blackboard and written work. The session.

SECOND YEAR.

2. Milne's Algebra completed. The session.

THIRD YEAR.

3. Beman and Smith's Geometry, books I. to V. The session.

Natural Science.

Mr. ————

Houston's Physical Geography. First term.

History.

FIRST YEAR.

Mrs. Ragsdale.

1. Wolfson's Essentials in Ancient History. The Orient, Greece, Rome; Mediaeval history to the time of Charlemagne. The session.

SECOND YEAR.

Miss Forsyth.

2. Larned's History of England. First term.
3. Larned's History of the United States. Second term.

Course 1 of history is required for admission to the schools of Greek and Latin; course 2 for admission to the school of English, in the College of Liberal Arts.

ORDER OF RECITATIONS.

Hours.	Class.
8:30–9:30	First Year Greek. First Year Latin, Section 1. First Year English, Section 1.
9:30–10:30	Second Year Latin. Second Year English, Section 1. First Year Mathematics. French.
10:30–11	Chapel.
11–12	First Year Latin, Section 2. Third Year Mathematics, Section 1. German. Ancient History.
12–1	Second Year Greek. Second Year English, Section 2. Second Year Mathematics.
2–3	First Year English, Section 2. Third Year Mathematics, Section 2. Physical Geography. English and American History.

All classes in the Academy recite five times a week.

Preparatory Medical Course.

Many students begin the study of medicine without adequate general preparation. After the common school branches have been completed, one should spend at least a year in studying Latin, English, chemistry, physics and mathematics. A special course of this kind may be pursued in the Academy, and the students who take it are given especial advantages in their fees when they enter the College of Medicine of Kentucky University at Louisville. The course is offered as an inducement to medical students to prepare themselves well before entering this College. Certificates are given to those who complete the course.

FIRST YEAR.

First Term—English grammar, physics and algebra. Drill work is given in debating, parliamentary law, reading and spelling.

Second Term—Rhetoric and composition, physics and algebra. Drills in debating, parliamentary law, reading and spelling.

SECOND YEAR.

First Term—Geometry, rhetoric, English literature, chemistry and Latin.

Second Term—Geometry, English literature, Latin and botany.

Commercial College

BURRIS ATKINS JENKINS, A. M., D. D., President.

Faculty

GEN. WILBUR RUSH SMITH, Presiding Officer,
Assisted by nine competent instructors.

Courses of Instruction

The course of instruction is unusually full. It includes book-keeping in its application to professional and official business, and to the various forms of merchandizing, compound company partnership; commission, joint stock, railroading, steamboating, banking, milling, real estate and insurance, furnacing and mining.

The thorough instruction given in banking is an important feature of this college. This part of the course includes the use of ten books, with the necessary accompaniment of business and legal forms.

Both class and individual instruction is given in commercial arithmetic in its various features of interest, discount, premium, profit and loss, percentage, averaging accounts, equation of payments, proportion of taxes, insurance and measurements.

Students are trained in mercantile correspondence

and in the use of checks, drafts, exchanges, deeds, leases, mortgages, agreements and other forms of business paper.

Frequent lectures on commercial law, pertaining to partnership, contracts, settling of estates, etc., are given.

The whole course of instruction is eminently practical in design and methods. The drilling that the students receive in the principles of business is accompanied and followed by their practical application in organizing and conducting business, at first simple, but afterwards of the most intricate and complicated character. As a final test of proficiency, the student is required to merge a set of single entry books into individual double entry, this into partnership, and this again into joint stock.

Special courses in shorthand, typewriting and telegraphy may be taken either with or without a general course. The instruction in these branches is not confined to the immediate subjects, but includes a liberal range of collateral matters. The instructors are competent teachers of practical experience in their respective departments.

The Commercial College has two general courses, the merchant's course and the full business course. The former requires from five to seven weeks to complete it, the latter from eight to twelve weeks. A separate charge is made for instruction in phonography, typewriting and telegraphy.

The session continues throughout the year. Students can enter at any time. There is no class system, but

individual instruction, each pupil advancing as rapidly as he may be able.

The hours of work are from 9 a. m. to 12 m.; 1½ to 5 p. m., and 7 to 8½ p. m.

Matriculates of this college can attend without charge for the remainder of the session after the completion of their business course the classes of the College of Liberal Arts or of the Academy.

Medical Department

BURRIS ATKINS JENKINS, A. M., D. D., President.

Faculty

JOSEPH BENSON MARVIN, B. S., M. D., LL. D.,
Presiding Officer.

THOMAS CRAIN EVANS, M. D., Dean.

JOSEPH GARLAND SHERRILL, A. M., M. D.

SAMUEL ELISHA WOODY, A. M., M. D.

HENRY ENOS TULEY, A. B., M. D.

LOUIS FRANK, M. D.

LEON LEOPOLD SOLOMON, A. B., M. D.

WILLIAM EDWARD GRANT, M. D.

CARL WEIDNER, M. D.

HENRY HUGH KOEHLER, A. B., M. D.

HENRY LANE STONE, A. M.

HENRY LOUIS RAPP, PH. G., M. D.

BERNARD ASMAN, M. D.

ADOLPH O. PFINGST, M. D.

VIRGIL E. SIMPSON, M. D.

ROE L. EDMONDS, M. D.

General Announcement

The Medical Department is an integral part of the University, and is the lineal descendant of the Medical Department of Transylvania University. Transylvania University was founded at Lexington, Ky., in 1799. It was, in 1865, consolidated with Kentucky University, which was established in 1836. By this union Kentucky University succeeded to the property, endowment and good will of Transylvania University. Acting under an amended charter, the Board of Curators transferred the Medical Department to the city of Louisville.

The adoption of the graded course and the change in the method of instruction from the didactic and theoretical to the clinical and demonstrative, demand that a medical school, in order to fulfill its highest aim and meet the progressive requirements of public and professional sentiment, must be a department of an endowed University. The University system of instruction elevates and broadens the plane of medical education, and in every way favors scientific methods of teaching. It furnishes the student both the incentive and the opportunity to prosecute scientific research in medicine and collateral sciences, broadens his culture, and gives dignity and distinction to his degree.

No radical changes will be made during the session of 1906 either in the curriculum or the method of instruction. Some changes in the details of instruction in different departments will be made in order to present a more complete and carefully graded course.

During the first two years special emphasis is laid upon practical work in the laboratories. In these laboratories each student is required to do the work himself under the supervision of the instructor. He does not merely look on while the instructor shows how it should be done, but actually does the work himself.

The same practical method of instruction is carried out in the clinical and advanced work.

The Faculty of the Medical Department desire to call special attention, not only of students, but of practitioners, to the splendid clinical and anatomical facilities afforded by the city of Louisville, which, with its suburbs, has a population of nearly 300,000. The great reputation of Louisville as a medical center attracts thousands of patients, a large portion of whom are legitimate subjects for clinical demonstrations. Broadway Infirmary is entirely under the control of the University. This enables the Faculty to utilize the almost inexhaustible supply of clinical material and to give practical bedside instruction in the diagnosis and management of medical and surgical diseases.

The advantage of a close personal relationship between the teacher and the student is recognized and encouraged.

The College Buildings.

The three College buildings, surrounded by a beautiful campus, are located on Broadway, between First and Second streets. The main building is a massive and elegant stone and brick structure of four stories. This building is occupied by the Broadway Infirmary, the operating-room and surgical amphitheater, clinical

lecture rooms, recitation rooms, and the laboratories of histology, bacteriology, pharmacy, inorganic and organic chemistry. The surgical, anatomical, and biological laboratories occupy a separate building, as far as possible removed from the main building.

In order to meet the demands of rapidly growing classes, the Faculty, during 1900, erected a new lecture hall. This building contains two didactic amphitheaters, each with a seating capacity of over 300. The amphitheaters are well lighted and ventilated. The seats are of the latest designs and the most comfortable pattern.

Dispensary and Hospital Advantages.

The dispensary occupies the entire basement of the College Building, and is open every morning from 8 to 9 o'clock, affording an enormous ambulatory clinic. The Chief of the Clinic assigns patients to the examining rooms, where each is treated by the professor of the department to which the disease belongs. Attendance on these clinics is required of the third and fourth year students.

Section Work.—The class is divided into small sections, which spend one week in each of the various departments. The professor gives practical demonstrations and the student receives instruction in the proper methods of making his examination of the sick. Prescriptions are written and operations performed by the student under the supervision of the chief of the department. When it is necessary, patients are visited at their homes. Members of the senior class are detailed by the professor to assist in all surgical operations, and

are given practical demonstrations in the administrations of anaesthetics.

Broadway Infirmary.

This elegant, commodious and modern hospital is under the control of the Faculty of the Medical Department. It occupies the entire second floor of the main building. It contains four wards, with private rooms for both medical and surgical cases. This enables the Faculty to better utilize the material from the extensive out-door clinic, and to give students practical training in all that is latest and best in the diagnosis, management and treatment of medical and surgical cases. The operating-room and clinical amphitheater are designed after the plans of the celebrated Middlesex Hospital, in London. It is well ventilated and lighted, and equipped with every modern convenience required for the performance of aseptic surgery.

Louisville City Hospital.

This hospital has been thoroughly remodeled. An entirely new surgical operating-room and clinical amphitheater have been erected. Apartments for infectious diseases have been added, and spacious wards for children have been furnished after the most modern ideas. The enormous amount of clinical material afforded by the city's poor is utilized twice each week for the benefit of advanced students in surgery and general medicine. The senior class, divided into small sections, is permitted to make the rounds of

the wards with the staff physicians. Autopsies are held in the new pathological amphitheater, and students are invited to witness the autopsies.

Clinical Laboratory.

In connection with the out-door department of the University there is a well-equipped clinical laboratory, in charge of competent experts, where senior students are familiarized with the method of examination of blood, urine, sputum, stomach contents and feces.

Every student should be supplied with a microscope for work in the laboratory. At the beginning of the session of 1900 Kentucky University imported a sufficient number of the best foreign-made instruments to equip fully the laboratories of normal histology, morbid histology, bacteriology, biology, and clinical pathology. These instruments are supplied to the student free of charge. Every student is strongly advised to purchase a good microscope, with an immersion lens, in order that he may become familiar with the same instrument which he will use after his graduation.

Examinations for Promotion.

FRESHMEN are examined on the following branches, or must present satisfactory evidence of having taken such examinations elsewhere before being promoted to the Sophomore class:

Medical physics, physiology, anatomy, materia medica, elementary and inorganic chemistry, histology.

SOPHOMORES are examined on the following branches,

or must present satisfactory evidence of having taken such examination elsewhere before being promoted to the Junior class:

Anatomy, materia medica, physiology, therapeutics, bacteriology, morbid histology, organic and medical chemistry.

JUNIORS are examined on the following branches, or must present satisfactory evidence of having taken such examinations elsewhere before being promoted to the Senior class:

Principles and practice of medicine, principles and practice of surgery, physical diagnosis, obstetrics, hygiene, general and surgical pathology, therapeutics, operative surgery, gynecology and abdominal surgery, pediatrics, ophthalmology, medical jurisprudence, genito-urinary surgery, dermatology, otology and rhinology, medical life insurance.

Examination for Graduation.

The examination for graduation is held at the close of the regular session. It includes all subjects taught in the college in which the candidate has not previously passed a satisfactory examination.

Requirements for Admission.

The applicant must present a certificate of good moral character signed by at least two reputable physicians of the State in which he resides.

Graduates of reputable academic or scientific colleges granting the A. B., B. S., or equivalent degrees, or graduates of reputable high schools or academies of the first

grade, normal schools established by State authority, a medical student's certificate issued by a State Board, or a State Teacher's permanent or life certificate are admitted to the first year class without examination upon presentation of their respective diplomas or certificates to the proper authorities.

In the absence of the above qualifications the applicant must present a certificate showing that he has passed a satisfactory examination on the following subjects:

1. An English composition of not less than two hundred words on some subject of general interest. It must be criticised in relation to thought, construction, spelling, punctuation and handwriting.

2. In arithmetic, showing a thorough knowledge of common and decimal fractions, compound numbers and ratio and proportion.

3. In algebra, on fundamental operations, factoring, and simple quadratic equations.

4. In physics, on elements of mechanics, hydrostatics, hydraulics, optics, and acoustics.

5. In Latin, in such elementary work as shows a familiarity usually attained by one year of study.

Advanced standing granted upon courses taken in other medical colleges will be subject to revision if such courses are found insufficient to meet the requirements of the Association of American Medical Colleges.

Requirements for Graduation.

A candidate for the degree of doctor of medicine must be of good moral character and twenty-one years of age. He must have pursued the study of medicine

for four years, have attended at least four courses or an equivalent amount of time in a recognized medical school, of which at least the last session must have been in this institution. Not less than forty-two months must have elapsed between the date of his first matriculation and the date of graduation. He must have paid all fees and complied with all college requirements. He must pass a satisfactory examination in all branches taught in the senior year.

Honors.

A competitive examination for an interneship in the Louisville City Hospital will be held in June each year, open to members of the graduating class of that quarter.

Practitioners' Course.

Practitioners of medicine and post-graduates will find the laboratories and clinics so arranged as to afford unusual facilities for special and advanced study. This course is designed to embrace all subjects ordinarily taught in post-graduate schools, each department being in charge of specialists. The laboratories, complete and modern, which are conducted by men of learning and long training at home and abroad, afford every facility for practical and advanced work. Visiting physicians are always welcome, and are cordially invited to inspect the College Hospital and Clinical Amphitheater.

Fees.

Matriculation (payable each year), $5; tuition, $70 per session.

All fees are payable in advance.

A fee of $5 is charged by the city for attendance at the City Hospital. This is payable in only junior and senior years.

Boarding and Rooms.

Good board, with lodging, will cost from $12 to $15 a month; comfortable rooms, without board, $4 to $5 a month. A list of boarding-houses, carefully selected, may be found with the janitor.

Young Men's Christian Association.

The magnificent building of the Y. M. C. A., with its beautiful grounds, is located at the corner of Fourth and Broadway, only two squares from the College building. The Y. M. C. A. is well adapted to meet the social, intellectual, physical, and spiritual needs of young men who are strangers in the city. The privileges of the Association are offered to the student at a special rate. Student's membership fee for six months is only $5.00. These privileges include the use of the gymnasium, baths, reading and correspondence rooms, parlors, lectures, entertainments, social receptions, religious meetings, etc.

Matriculation and Seats.

The Faculty urge students to matriculate and to be

in attendance at the beginning of the session. Students who join the class late find themselves at a great disadvantage, from the fact that lectures may have been given, the full comprehension of which was necessary to a clear understanding of those which followed. Regular attendance is required of all students.

Seats in the lecture hall and clinical amphitheater and operating room are numbered, the numbers beginning at the front. Students desiring seats near the lecturer can obtain such by sending matriculation fee, upon the receipt of which their names will be registered and seats assigned them in order of such registration. This entitles the student to the seat during the entire term.

Annual Limitation.

The statement made as to conditions, fees, rules, and courses of lectures relate to the year 1906 only, and are applicable to all students without regard to the time of a first or subsequent matriculation. Changes in the corps of instructors and curriculum of the College will be made whenever the Faculty deems it necessary. The Faculty reserves the right to terminate a student's connection with the College at any time for what is deemed improper conduct, and under no circumstances will fees be returned.

Mail.

Students should have their mail directed in care of Kentucky University, Medical Department, where it will be delivered three times a day. The Dean or his pri-

vate secretary will be in his office at the College at eight o'clock every morning except Sunday.

Directions to Students.

Students on arriving in the city should have their baggage checked direct to Kentucky University, Medical Department, 115 W. Broadway, where it will be received and taken care of until a suitable boarding-house has been selected. They should promptly report at the College, and thus avoid unnecessary hotel expenses. The janitor, who is always to be found at the College, has a list of desirable boarding-houses and private homes, and can give any other information necessary.

For further particulars address,

DR. T. C. EVANS, Dean,
419 W. Chestnut Street,
Louisville, Ky.

Matriculates

College of Liberal Arts

Abernathy, Janie	Texas.
Adair, Willa	Kentucky
Alford, Audrey	Kentucky.
Alford, Onias Arthur	Kentucky.
Allphin, James Ceberry	Kentucky.
Asbury, Emory	Kentucky.
Bain, Anna Lee	Kentucky.
Bare, Frank Myers	Illinois.
Barger, Eros Bolivar	Kentucky.
Bastin, William Ross	Kentucky.
Berkley, Tolbert Whitfield	Kentucky.
Bernard, Luther Garfield	Kentucky.
Berry, John Morrison	Kentucky.
Berry, Lydia Mitchell	Kentucky.
Bishop, Lawrence Kimberly	Kentucky.
Bond, Wilkes	Kentucky.
Boyle, Claudia Vernal	Kentucky.
Brady, Emma Noyes	Kentucky.
Brisby, Dyer Cooper	Kentucky.
Bromley, David Samuel	Kentucky.
Brown, Edith Rosalie	Kentucky.
Bryson, Walter Ernest	Massachusetts.
Buckner, Samuel Griffith	Illinois.
Campbell, Gilbert Whitney	Missouri.
Cantrill, Cecil Edwards	Kentucky.
Carpenter, Homer Wilson	Kentucky.
Carpenter, Vera Clifton	Kentucky.
Caywood, Clarence Power	Kentucky.
Church, Harriet Wilcox	New York.

Cline, David Dabney	Kentucky.
*Cochran, James Taylor	Kentucky.
Coleman, Eleanor Russell	Kentucky.
Collis, Sarah Adelaide	Kentucky.
Conkling, Charles Mordecai	Florida.
Conkling, Joseph Wade	Florida.
Conley, Grover Nathan	Kentucky.
Cossaboom, Melbourne	Canada.
Crenshaw, Robert Walden	Kentucky.
Cropper, Lurline Gentry	Kentucky.
Crostreet, Carl Buford	Indiana.
Crouch, Edward Carl	Kentucky.
Crowley, William Abraham	Missouri.
Daingerfield, Foxhall Alexander, Jr.,	Kentucky.
Dale, Sherman	Kentucky.
Daniels, Clarence Wilford Ferdina'd	Kentucky.
Davis, John Frank	Kentucky.
Davis, Warren Beagle	Kentucky.
Dawson, Birt Herbert	Kentucky.
Dean, John Scott	Tennessee.
Delcamp, Ernest Woodruff	Indiana.
Dohoney, Turner Merritt	Kentucky.
Donaldson, James O'Bannon	Kentucky.
Dorsey, Rebecca Adele	Kentucky.
Downing, Chilton Edwin	Kentucky.
Dunlap, George William	Kentucky.
Dunlap, Minnie Branham	Kentucky.
Dunn, Susan Allie	Kentucky.
Dutt, Meade Ervin	Michigan.
Evans, Walter Owsley	Kentucky.
Fairhurst, Helen Holman	Kentucky.
Farris, J. Randall	Kentucky.
Field, John Utterback	Kentucky.
Finley, Austin Perry	Kentucky.
Fisher, Warren Rogers	Kentucky.
Florence, David Van Hook	Kentucky.
Florence, Nicholas Everett	Kentucky.

*Deceased.

Forsyth, Pearl Barnet	Indiana.
Foster, William Omer	Georgia.
Gibson, Lucille	Louisiana.
Gillispie, Virgil Clay	Kentucky.
Goff, Carrie Etta	Kentucky.
Green, Irvin Taylor	Kentucky.
Gregory, Cleburne Earl	Kentucky.
Grimes, William Adams	Kentucky.
Grinstead, Floy	Nebraska.
Hall, Homer Maxwell	Indiana.
Hall, Nelle Georgia	Indiana.
Harbison, Clinton McClarty	Kentucky.
Harbison, George Douglass	Kentucky.
Harbison, Shelby Thomas	Kentucky.
Hargett, Anderson J.	Kentucky.
Hart, John Frazee	Kentucky.
Hayden, Josephine	Kentucky.
Hedden, Prue Annabel	Illinois.
Hightower, Henderson Grover	Kentucky.
Hinton, Edna Earl	Kentucky.
Hisle, Kittie	Kentucky.
Houchin, Willie Edna	Kentucky.
Houchins, Jennie	Kentucky.
Hudson, Robert Howard	Missouri.
Hughes, Herbert Leland	Alabama.
Hume, Daisy	Kentucky.
Hume, Maria Dudley	Kentucky.
Hunley, John Bunyan	Virginia.
Hurst, Martin Luther	Texas.
Hurst, Ora Earl	Kentucky.
Hutchcraft, Mary Fithian	Kentucky.
Hutchcraft, Reuben Brent, Jr.,	Kentucky.
Ingels, Clara Bell	Kentucky.
Ingels, Kate Amanda	Kentucky.
Jett, Charles Henry	Kentucky.
Jordan, Albert Homer	West Virginia.
Judson, Mrs. W. V.	Kentucky.
Karagozian, Noury	Turkey.
Kitson, Harry Dexter	Indiana.

Koch, Edward Henry	Indiana.
Lakin, Lee Everett	Missouri.
Lambert, Ross Allen	Canada.
Laughlin, Nannie Bettie	Kentucky.
Lawrence, George Strobridge	Kentucky.
Lawrence, Margaret Bright	Kentucky.
Lawson, James Thomas	Mississippi.
Logan, Virgie Mae	Kentucky.
Lord, John	Canada.
Lucas, William Henry	Kentucky.
Lyttleton, Joe Wilson	Kentucky.
McAlister, George Matthew	Kentucky.
McCallum, Donald Campbell	Australia.
McCallum, Percival Duncan	Australia.
McCann, Elinor Virginia	Kentucky.
McClary, Mary Margaret	Kentucky.
McHargue, William Madison	Kentucky.
Maxey, Reuben Yance	Kentucky.
Meador, Barclay	Kentucky.
Miller, James Monroe	Missouri.
Million, Julian	Kentucky.
Milton, Frankie May	Kentucky.
Mize, Andrew Jackson	Georgia.
Moore, James William	Kentucky.
Moore, Robert Grubbs	Kentucky.
Moore, William Temple	Kentucky.
Myers, Henry Talbott	Kentucky.
Neal, Roy Ireland	Kentucky.
Nelson, Mrs. Olive	Kentucky.
Nickell, Samuel Henry	Kentucky.
Norton, Katherine	Kentucky.
Oder, Alonzo	Kentucky.
Ogden, Ida Myrtle	Kentucky.
Ogden, Nannie Thomas	Kentucky.
Palmore, Addie Berry	Kentucky.
Palmore, Hovey Duncan	Kentucky.
Palmore, Mary Lena	Kentucky.
Parks, Christopher Wesley	Indiana.
Payne, Clifton Monroe	Kentucky.

Pearl, Mattie Elizabeth	Kentucky.
Peters, William Gillett	Missouri.
Phillips, Marie Ingram	Kentucky.
Pile, George Edward	Tennessee.
Pinkerton, Philip Stone	Kentucky.
Piper, Helen Neale	Kentucky.
Plopper, Clifford Henry	Georgia.
Posey, George Merchant Dolan	Missouri.
Potter, Grace Sumner	Kentucky.
Ray, Betsy Abbott	Kentucky.
Redd, Margaret Allen	Kentucky.
Reddish, William Dandridge	Kentucky.
Reid, Isaac Everett	Kentucky.
Rice, Bessie May	Kentucky.
Rice, Ivy Ray	Kentucky.
Richardson, Paul Lincoln	Canada.
Riley, Edgar Carlisle	Kentucky.
Ringo, Elizabeth Amy	Kentucky.
Robinson, William Evans	Kentucky.
Rummans, William Delosson	Kentucky.
Scearce, James Boyd	Kentucky.
Scearce, Mary Thomas	Kentucky.
Seelbach, Charles	Kentucky.
Simmons, Simpson Joe	Kentucky.
Simpson, Jesse Hall	Kentucky.
Slack, Anna Maude	Kentucky.
Small, Lemuel Hayden	Kentucky.
Smith, Everett St. Clair	Kentucky.
Smith, Ina Kay	Kentucky.
Snyder, Mary DeWitt	Kentucky.
Spencer, Eva Holladay	Kentucky.
Spicer, Woodson Washington	Kentucky.
Squires, Waller Spencer	Kentucky.
Stamper, Abney Lucien	Kentucky.
Stansifer, Harry Matlack	California.
Starns, Dudley	Kentucky.
Starratt, Rosa May	Kentucky.
Steele, Richard Gray	Kentucky.
Stephens, Felix Walker	Kentucky.

Stickley, Asa Baker	Virginia.
Stone, Daniel Whitley	Virginia.
Sweeney, Margaret	Kentucky.
Talbott, Daniel Cline	Kentucky.
Tandy, Pauline	Kentucky.
Thompson, Lenis Neal	Kentucky.
Thompson, Myrtle C.	Kentucky.
Townsend, John Wilson	Kentucky.
Truitt, Mary Elenor	Kentucky.
Tunis, Curry	Kentucky.
Turner, Caswell C.	Kentucky.
Vance, Emily Chew	Kentucky.
Vance, John Thomas, Jr.	Kentucky.
Van Horn, Edna Marion	Kentucky.
Van Meter, Solomon Lee, Jr.,	Kentucky.
Viley, Mary Offutt	Kentucky.
Vivion, William Edwards	Kentucky.
Waggoner, Samuel Boone	Tennessee.
Wallace, James Franklin	Ohio.
Waller, Louise	Kentucky.
Walton, Samuel Barton	Kentucky.
Warren, Willis Hensel	Kentucky.
Waters, Joseph Daniel	North Carolina.
Wayland, Mary Laetitia	Kentucky.
Webb, Ethel Gladys	Indiana.
Welch, Isabel Peyton	Florida.
Wells, John David	North Carolina.
Whaley, Nell	Kentucky.
Wheatley, Lydia Mitchell	Kentucky.
Wheeler, William Franklin	Kentucky.
White, Orris Otto	Indiana.
Wiggins, Clarence	Tennessee.
Wigginton, Jesse Norman	Kentucky.
Wilking, Karl Zollars	Ohio.
Willmott, Jane Armstrong	Kentucky.
Wilson, Aubrey Loten	Kentucky.
Wilson, Lillian May	Kentucky.
Wilson, William Joseph	Kentucky.
Wyatt, George Dalton	Kentucky.

Yerkes, Amanda Lovell	Kentucky.
Yockey, Harry Eugene	Indiana.
Young, Thomas a'Beckette	Pennsylvania.

College of the Bible

Adams, Iva Elmer	Kentucky.
Alexander, Ralph Edward	Kansas.
Alexander, Guy Garfield	Kansas.
Amsler, Benjamin Franklin	Missouri.
Arnold, John David	Georgia.
Baker, Leslie William	S. Australia.
Barnes, Charles William	Kentucky.
Barr, David Earl Benton	Kentucky.
Bedford, Sidney McHenry	Colorado.
Blakemore, William Barnett	Tennessee.
Bourland, Ernest Bobbitt	Kentucky.
Breland, John Roderick	South Carolina.
Brown, Joseph Beatty	Kentucky.
Bryson, Walter Ernest	Massachusetts.
Cannon, Henry Grady	Georgia.
Carter, Robert Henry	Kentucky.
Chappell, Alvin Elwood	Kentucky.
Cooke, Homer Franklin	Tennessee.
Cox, Huston Harvy	Canada.
Crerie, William Calvin	Massachusetts.
Cull, Ophir	Kentucky.
Cummins, Charles Albert	Kentucky.
Daniel, Gilbert Joseph	S. Australia.
Darnold, Obed William	Kentucky.
Day, Arthur George	Australia.
Dodge, William Jordan	South Dakota.
Dodge, Mrs. Elner Morse	South Dakota.
Ehlers, Clifton Sanders	Maryland.
Ewton, Thomas Floyd	Tennessee.
Famuliner, Charles McCance	Missouri.
Ficklin, Henry Lane Stone	Missouri.
Fightmaster, Luther Ford	Kentucky.

Fish, Thomas Graves	Kentucky.
Frederiksen, Niels Christian	Denmark.
Gable, Albert Isaac	Indiana.
George, John Samuel	Missouri.
Golightly, Thomas Jefferson	Kentucky.
Gordon, Coningsby Matheson	S. Australia.
Gordon, Linley Vincent Glenroy	S. Australia.
Gray, Anderson Preston	Tennessee.
Gray, Hamilton Isaac	Indiana.
Griffis, Harold Hayes	Indiana.
Haddock, James Laurel	Louisiana.
Haddock, Mrs. Sarah Snellings	Louisiana.
Harrison, Traverse Whitfield	Kentucky.
Harrison, Clarence Willis	Oklahoma.
Hart, Marion Collings	Kentucky.
Heaton, Burt	Indiana.
Henry, George Clarence	Nova Scotia.
Hensey, Andrew Fitch	Ohio.
Holder, Charles Bert	Alabama.
Hobgood, Clay	Kentucky.
Hoskins, John Thomas	Virginia.
Hurd, Harland Corwin	Missouri.
Ingram, Ollie Taylor	Kentucky.
Jackson, Charles Elwood	Georgia.
Jennings, Miss Henrietta Bronson	Florida.
Kenney, Charles Isaac	Missouri.
Kenney, Harvey Gerome	Missouri.
Kingsbury, Horace Edward John	New South Wales.
Knox, Thomas Baxter	Kentucky.
Lakin, Lee Everett	Missouri.
Lenox, Willie McGarvey	Kentucky.
Lewis, Miss Stella Walker	Kentucky.
Linville, Benjamin Harmon	Kentucky.
Locke, George Benton	Kentucky.
Magee, Homer Lay	Missouri.
Mains, Walter Raymond	Indiana.
Manning, Harry Phelp	S. Australia.
Maston, Harry Garfield	Victoria, Australia.
Mathews, Dowdy Ray	Georgia.

McCauley, Harvey Cleveland	Kentucky.
McGuire, Samuel Barnabas	Kentucky.
McHargue, William Madison	Kentucky.
McKissick, James Tracy	Texas.
McMurray, Alva Dodds	Ohio.
Miley, Encil Leigh	Ohio.
Mill, John Stuart	Australia.
Miller, Clarence Everson	W. Australia.
Minyard, Thomas Asa	Georgia.
Mize, John Griggs	Kentucky.
Mize, Andrew Jackson	Georgia.
Mobley, Robert Lee	Tennessee.
Montgomery, Wyatt Guinn	Kentucky.
Montjoy, Richard	Kentucky.
Nichols, Charley Estill	Missouri.
Nickerson, Edward James	Nova Scotia.
Offutt, Sabert S.	Kentucky.
Ogden, James Clarence	Kentucky.
Palmore, Richard Alsup	Kentucky.
Paternoster, Ira Adina	S. Australia.
Plopper, Clifford Henry	Georgia.
Pritchett, Joseph Everett	Virginia.
Rector, Alley	Indian Territory
Riddell, John Tate	Michigan.
Roberts, Harry	S. Australia.
Robertson, Arthur Blaine	Indiana.
Ross, Minor Johnson	Virginia.
Salyer, William Harold	Ohio.
Sampson, Miss Mayme Lemira	Missouri.
Scrimsher, Frank B.	Ohio.
Schwartz, Lawrence Hayes	Ohio.
Schaefer, Harry	Ohio.
Self, Harbird Benjamin	Florida.
Shaw, Roud	Kentucky.
Shropshire, Newton Lary	Kentucky.
Simpson, Robert Neal	Kentucky.
Sims, Newell LeRoy	Indiana.
Skinner, Frank	Kentucky.
Smith, Benjamin	Indiana.

Smith, Edgar Shelby	Missouri.
Smith, John William	Missouri.
Spencer, Howard Gayle	Kentucky.
Staley, Robert Augustus	Kentucky.
Stambaugh, John Henry	Kentucky.
Stamper, Abney Lucien	Kentucky.
Summers, Columbus Miller	Kentucky.
Templeton, Miss Mary Elizabeth	Indiana.
Terrell, William Daniel	Kentucky.
Thomas, James Edward	S. Australia.
Verco, George Day	New South Wales.
Ware, Charles Crossfield	Kentucky.
Webb, Henry Harrison	Ohio.
Wieland, Charles Frederick	Oklahoma.
Whaley, Albert Clare	Michigan.
Whitehouse, Wesley Clay	Kentucky.
Willoughby, William Duckworth	Kentucky.
Wilson, Aubrey Loten	Kentucky.
Wilson, Hiram Hendrix	Kentucky.
Wilson, Robert Swan	Nova Scotia.
Wilson, James Hardin	Kentucky.
Wraith, John Hope	California.

The Academy

Bridges, Leonard Cabel	Kentucky.
Bristow, Aden	Illinois.
Brown, James Lair	California.
Bryan, Albert Woodson	Kentucky.
Carter, Walter	Kentucky.
Collis, George	Kentucky.
Conkling, Homer Caples	Florida.
Coons, Roy Montgomery	Kentucky.
Coons, William Thomas	Kentucky.
Crostreet, Fred Ernest	Indiana.
Duck, Margaret	Kentucky.
Duncan, Joseph, Jr.,	Missouri.
Engle, Isaac James	Kentucky.
Greene, George F.	New York.

Hall, Rex	Kentucky.
Harp, David William	Kentucky.
Haydon, William Petty	Kentucky.
Hayes, Fred Newton	Kentucky.
Helm, Joseph Edward	Kentucky.
Herndon, James Pollock	Kentucky.
Hunt, George Gordon	Kentucky.
Jones, Edward Stewart	Kentucky.
Kelly, James Leander	Kentucky.
Killgore, Charity	Kentucky.
Kimbrough, Marion Lyttle	Kentucky.
Kimbrough, Otho Lee	Kentucky.
Koch, Louis August	Indiana.
Ligon, James Hardie	Kentucky.
Lord, Brooks	Canada.
Lord, Mark	Canada.
MacCallum, William Cecil	Australia.
MacCormick, Willie Lewis	Kentucky.
MacGee, Clancy Orville	Georgia.
MacGinnis, John Simpson	Kentucky.
Martin, Rebel	Kentucky.
Moran, Lola Gorman	Kentucky.
Neal, Donald Bristow	Kentucky.
Palmer, Richard Edward	Kentucky.
Phelps, Elizabeth Hurst	Kentucky.
Phelps, Lilla Jane	Kentucky.
Phillips, William Graves	Kentucky.
Pigmon, John Calhoun	Kentucky.
Powell, William Franklin	Kentucky.
Reed, James Robert	Kentucky.
Rogers, William Edward	Kentucky.
Rossy, Angel Eulogio	Porto Rico.
Sallee, James Edwin	Kentucky.
Shannon, Robert Holloway	Kentucky.
Shelton, Allie McAtee	Kentucky.
Smith, John D.	Kentucky.
Smith, Wilbur Rush, Jr.,	Kentucky.
Sturgill, Charles	Kentucky.
Thomas, Stanley Reasor	Kentucky.

Waggoner, Ira Edward	Tennessee.
Walker, Rice	Kentucky.
Watkins, Oscar Wesley	Tennessee.
Weaver, Carlton	Indian Territory.
White, Nannie Preston	Kentucky.
Willmott, James Franklin	Kentucky.
Wood, Sye Nye	China.

Medical Department

Abbott, F. C.	Iowa.
Adams, F. T.	Kentucky.
Addis, C. F.	Kentucky.
Addis, W. E.	Kentucky.
Alexander, K.	Texas.
Allen, Oscar	Kentucky.
Anderson, C. J. F.	Virginia.
Anderson, G. W.	West Virginia.
Argibrite, B. G.	West Virginia.
Ashby, W. B.	Indiana.
Bacon, C. E.	Tennessee.
Bacon, O. G.	Tennessee.
Baker, H. H.	Kentucky.
Baird, W. O.	Tennessee.
Barker, C. J.	Kansas.
Barnes, C. W.	Kentucky.
Beck, C. K.	Kentucky.
Bentley, J. M.	Kentucky.
Berryman, H. D.	Kentucky.
Birch, J. T.	Alabama.
Bishop, H. H.	Kentucky.
Blake, C. C.	Florida.
Blanton, L. C.	Kentucky.
Blitch, B. S.	Florida.
Bloebaum, T. J.	Kentucky.
Blount, H. C.	Kentucky.
Booher, J. M.	Pennsylvania.
Botts, J. H.	Kentucky.
Boyer, J. S.	Indiana.

Bramlett, E. S.	Mississippi.
Bratton, Fred	Indiana.
Brown, Robert K.	Indiana.
Buck, G. H.	Kentucky.
Buchannon, R. D.	Louisiana.
Bundy, C. L.	Indiana.
Burris, J. A.	Kentucky.
Bush, E. R.	Kentucky.
Bush, W. A.	Kentucky.
Calhoun, S. F.	Indiana.
Camp, W. C.	West Virginia.
Campbell, T. I.	Kentucky.
Cantrell, W. T.	Alabama.
Carlyle, I. E.	Indiana.
Carr, J. T.	Mississippi.
Casto, H. L.	West Virginia.
Cawood, William	Kentucky.
Chatham, Leslie W.	Indiana.
Childress, W. T.	Tennessee.
Claypool, H. G.	Kentucky.
Cobb, F. F.	New York.
Coggeshall, J. T.	South Carolina.
Colley, K. L.	Virginia.
Collins, Edgar	Alabama.
Collins, M. M.	Missouri.
Combest, J. D.	Kentucky.
Combs, J. W.	Kentucky.
Combs, M. E.	Kentucky.
Conly, B. R.	Kentucky.
Conley, H. P.	Tennessee.
Connelley, Walter	Kentucky.
Conway, Seth	Kentucky.
Cook, B. N.	Kentucky.
Cook, Scott	Indiana.
Cooper, W. S.	Tennessee.
Cope, E. G.	Missouri.
Creech, C. B.	Kentucky.
Crowe, S. W.	Kentucky.
Crum, W. H.	Indiana.

Crume, S. M.	Kentucky.
Crume, W. E.	Kentucky.
Crutcher, L. A.	Kentucky.
Davis, H. B.	Indiana.
Davis, M. M.	Kentucky.
Dearman, U. L.	West Virginia.
DeBord, W. M.	Kentucky.
DeFoe, A. G.	West Virginia.
Denham, T. W.	Texas.
Deskins, J. T.	Kentucky.
Dimmitte, J. A.	North Carolina.
Dinsmoore, Silas	Kentucky.
Dorsey, J. T.	Kentucky.
Dotson, W. A.	Kentucky.
Downey, D. S.	Missouri.
Draesel, Charles	New Jersey.
Drake, W. P.	Kentucky.
Duff, H. P.	Kentucky.
Duncan, C. N.	Kentucky.
Duncan, R. C.	Kentucky.
Dwyer, William	Indiana.
Eckels, L. W.	Kentucky.
Edleson, L. R.	Kentucky.
Elliott, J. H.	Missouri.
Empson, Blaine	Indiana.
Emrich, W. H.	Kentucky.
Eubank, C. H.	Kentucky.
Evans, Albert	West Virginia.
Evans, Early	Kentucky.
Felts, Logan	Kentucky.
Ferguson, H. D.	Kentucky.
Fields, D. M.	Kentucky.
Fitch, J. W., Jr.,	Kentucky.
Flanagan, E. P.	Indiana.
Fling, I. C. W.	West Virginia.
Ford, E. W.	Kentucky.
Forman, W. B.	Kentucky.
Foster, J. D.	Kentucky.
Foushee, H. G.	Kentucky.

Fowler, W. H.	Indiana.
Francis, C. E.	Kentucky.
Gabhart, J. H.	Kentucky.
Gale, J. S.	Virginia.
Gay, J. P.	Indian Territory.
Gerkins, J. J.	Kentucky.
Gibson, A. P.	Kentucky.
Gibson, B. R.	Kentucky.
Gilbert, Hardin	Kentucky.
Gilbert, Lewis	Texas.
Gilkison, W. L.	Indiana.
Gilmore, Henry	Kentucky.
Ginn, T. B.	Kentucky.
Glass, J. C.	Indiana.
Glass, W. J.	West Virginia.
Glover, Ilar	Tennessee.
Goff, E. S.	West Virginia.
Greene, W. H.	New Hampshire.
Griffin, M. K.	Kentucky.
Grimes, J. T.	Alabama.
Hale, J. G.	Kentucky.
Hammack, W. M.	Kentucky.
Hamner, J. H.	Kentucky.
Hampton, J. B.	Kentucky.
Harless, L. R.	West Virginia.
Harless, W. F.	West Virginia.
Hargan, M. V.	Kentucky.
Harmon, C. G.	New York.
Harris, B. C.	Kentucky.
Hart, B. O.	Kentucky.
Hatfield, D. D.	West Virginia.
Hatfield, S. D.	West Virginia.
Heath, G. D.	South Carolina.
Harrenkohl, Otto	West Virginia.
Hester, J. H.	Kentucky.
Higdon,L. S.	Kentucky.
Hodges, C. A.	Georgia.
Hohnstedt, J. H.	Ohio.
Holmes, L. B.	Kentucky.

Holton, C. E.	Indiana.
Honaker, H. P.	Kentucky.
Hoover, R. A.	Indiana.
Hopkins, P. W.	Indiana.
Horton, E. W.	Kentucky.
Howard, E. M., Jr.,	Kentucky.
Hoye, A. L.	Mississippi.
Hudkins, O. L.	West Virginia.
Hughes, T. G.	Missisippi.
Hume, William	Kentucky.
Hunter, T. M.	New York.
Hill, T. C.	Illinois.
Iles, J. T.	Iowa.
Ison, Gideon	Kentucky.
Jarrett, L. A.	West Virginia.
Jenkins, C. W.	Illinois.
Johnson, R. E.	Indiana.
Jones, A. V.	Tennessee.
Jones, B. P.	Kentucky.
Jones, E. C.	West Virginia.
Jones, P. J.	Kentucky.
Kerns, I. N.	Kentucky.
Kinberger, A. G.	Indiana.
Knisely, A. D.	Ohio.
Knowles, A. T.	Missouri.
Leonard, L. W.	West Virginia.
Linville, E. E.	Kentucky.
Linville, S. M.	Kentucky.
Locket, B. L.	Kentucky.
Longacre, C. H.	Nebraska.
Lutz, J. S.	Indiana.
Macauley, H. A.	South Carolina.
Mallette, Cyrus	Missouri.
Marshall, J. J.	Kentucky.
Matheney, J. C.	Tennessee.
Marks, P. F.	West Virginia.
May, J. F.	Kentucky.
May, O. L.	Kentucky.
Medlin, M.	Mississippi.

Mehler, L. A.	Kentucky.
Miller, E. H.	Kentucky.
Miller, Robert	Tennessee.
Moore, B. A.	Kansas.
Moore, William	Kentucky.
Morland, H. C.	Alabama.
Mueller, A. P.	Kentucky.
Mullikin, J. W.	Kentucky.
McClellan, William	Kentucky.
McClendon, G. I.	Kentucky.
McCombs, E. A.	Pennsylvania.
McCord, Monroe	Indiana.
McCown, N. C.	Kentucky.
McCullough, J. Y.	Indiana.
McCutcheon, L. D.	West Virginia.
McDaniel, D. H.	Texas.
McDougal, L. L.	Mississippi.
McGill, J. W.	Kentucky.
McLellan, W. T.	West Virginia.
McPherson, H. F.	Ohio.
Nash, A. J.	Mississippi.
Nedrow, W. C.	West Virginia.
Neville, Lawrence	Kentucky.
Nickell, G. C.	Kentucky.
Northcutt, J. D.	Kentucky.
Orris, C. S.	Pennsylvania.
Parker, M. E.	Texas.
Patterson, C. O.	Illinois.
Pearson, M. E.	Kentucky.
Peddicord, F. L.	Kentucky.
Perry, J. R.	Kentucky.
Pigman, Owen	Kentucky.
Pinson, V. B.	Kentucky.
Pollock, J. R.	Indiana.
Porch, R. D.	Alabama.
Prewitt, J. M.	Kentucky.
Rainey, Everett	Indiana.
Ramey, W. G.	Kentucky.
Rankin, G. C.	Kentucky.

Ray, T. R.	Tennessee.
Reeder, D. F.	Kentucky.
Rice, C. M.	Kentucky.
Riggans, I. W.	Indiana.
Riggan, J. E.	Mississippi
Rigsby, Aude	Missouri.
Ringo, H. F.	Kentucky.
Roberts, L. E.	West Virginia.
Rosenfield, W. H.	Indiana.
Royster, W. L.	Kentucky.
Ruddell, Carlisle	Kentucky.
Sallee, Theo	Kentucky.
Scammahorn, Oscar	Indiana.
Schenck, J. E.	Arkansas.
Schubert, H. R.	Missouri.
Scribner, C. A.	Kentucky.
Say, W. M.	Virginia.
Setzer, A. R.	Kentucky.
Shacklette, W. G.	Kentucky.
Shelby, H. A.	Kentucky.
Sherman, F. M.	Kentucky.
Shoemaker, O. F.	Kentucky.
Shy, T. H.	Missouri.
Simmons, J. F.	Mississippi.
Simmons, W. J.	Mississippi.
Simpson, J. H.	New Hampshire.
Simpson, J. P.	Kentucky.
Skaggs, I. P.	West Virginia.
Slaton, Frank	Kentucky.
Slone, Tilden	Kentucky.
Smith, F. W.	Indiana.
Smith, H. A.	Pennsylvania.
Smith, K. H.	Kentucky.
Smith, R. M.	Kentucky.
Smith, T. M.	Indiana.
Spragens, J. R.	Kentucky.
Stallard, F. L.	Kentucky.
Steinmetz, H. H .	Ohio.
Stopp, C. C.	Kentucky.

Stephenson, R. M.	Louisiana.
Stewart, L. D.	Missouri.
Stewart, Omer	Indiana.
Stovall, J. W.	Kentucky.
Strother, J. O.	Kentucky.
Stumbo, Edward	Kentucky.
Stumbo, W. L.	Kentucky.
Sturgill, Charles	Kentucky.
Swanson, Cosby	Georgia.
Taylor, L. S.	Indiana.
Taylor, W. D.	Texas.
Thompson, W. R.	Kentucky.
Thornberry, L. Q.	Kentucky.
Throckmorten, C. H.	Kentucky.
Tipton, C. H.	West Virginia.
Tracy, R. B.	Kentucky.
Travis, J. M.	Texas.
Turner, L. A.	Kentucky.
Tyler, F. T.	Indiana.
Tyner, H. V.	Arkansas.
Van Cleave, W. E.	Indiana.
Veatch, W. O.	Indiana.
Wallace, T. C.	Kentucky.
Ward, H. H.	West Virginia.
Warren, J. P.	Kentucky.
Watts, T. W.	Louisiana.
Weaver, E. S.	Indiana.
Webster, J. S.	Georgia.
Weddle, Brenta	Kentucky.
Wells, A. U.	Kentucky.
Wells, W. L.	Kentucky.
Wheelock, D. O.	South Dakota.
White, L. C.	Kentucky.
Whitlatch, Bine	Indiana.
Whitlow, E. A.	Indiana.
Whitted, M. O.	Kentucky.
Widdowson, W. C.	Pennsylvania.
Widmer, Fred	Indiana.
Wilcox, E. B.	Iowa.

Wilcox, J. C.	Kentucky.
Williams, W. S.	Ohio.
Willis, J. C.	Kentucky.
Willis, Roy	Kentucky.
Wilson, J. P.	Indiana.
Wood, Charles	Indiana.
Wood, E. C.	Maine.
Woodard, R. E.	Kentucky.
Woody, W. W.	Washington.
Worden, D. D.	New York.
Wright, J. M.	Mississippi.
Wyatt, G. W.	West Virginia.
Yates, J. B.	Kentucky.
Youtsler, D. E.	Kentucky.

Recapitulation

College of Liberal Arts	225	
The Junior College for Women	57	
The Academy	60	342
College of the Bible		131
Commercial College		400
Medical Department		317
		1190

Eighty matriculates of the College of the Bible have received instruction in one or more classes of the College of Liberal Arts and of the Academy.

Fifty-one ministerial students were matriculated in the College of Liberal Arts or in the Academy. There were, therefore, enrolled in the colleges of the University one hundred and eighty-two young men who were preparing to be ministers of the Gospel.

States and Territories Represented

Alabama,
Arkansas,
California,
Colorado,
Florida,
Georgia,
Illinois,
Indiana,
Indian Territory,
Iowa,
Kansas,
Kentucky,
Louisiana,
Maine,
Maryland,
Massachusetts,
Michigan,
Mississippi,
Missouri,
Nebraska,
New Jersey,
New York,
North Carolina
Ohio,
Oklahoma,
Pennsylvania,
Porto Rico,
South Carolina
South Dakota,
Tennessee,
Texas,
Virginia,
Washingon,
West Virginia.

Foreign Countries.

Australia,
Canada,
China,
Denmark,
Turkey.

Candidates for Graduation

College of Liberal Arts—June 8, 1905

With the Degree of Master of Arts.

Austin Perry Finley,	Lexington, Ky.
Anderson J. Hargett,	Augusta, Ky.

Bachelor

With the Degree of Master of Arts.

David Dabney Cline,	North Middletown, Ky.
Carrie Etta Goff,	Lexington, Ky.
Homer Maxwell Hall,	Franklin, Ind.
Martin Luther Hurst,	Martindale, Texas.
Lee Everett Lakin,	Nelson, Mo.
James Thomas Lawson,	Meridian, Miss.
Marie Ingram Phillips,	Lexington, Ky.
Isaac Errett Reid,	Louisville, Ky.
James Boyd Scearce,	Bagdad, Ky.
John Thomas Vance, Jr.,	Lexington, Ky.
William Duckworth Willoughby,	Lexington, Ky.

College of the Bible—June 6, 1905

In the Classical Course.

Austin Perry Finley,	Lexington, Ky.
Thomas Jefferson Golightly,	Lexington, Ky.
James Tracy McKissick,	N. Waco, Texas.
James Clarence Ogden,	Carterville, Ky.
William Duckworth Willoughby,	Lexington, Ky.

In the English Course.

Ernest Bobbitt Bourland,	Madisonville, Ky.
Andrew Fitch Hensey,	Bedford, Ohio.
Lee Everett Lakin,	Nelson, Mo.
Robert Lee Mobley,	Gadsden, Tenn.
Minor Johnson Ross,	Sinking Creek, Va.
Newell Le Roy Sims,	Angola, Ind.
Robert Neal Simpson,	Lexington, Ky.

Medical Department

With the Degree of Doctor of Medicine.

Addis, W. E.	Kentucky.
Allen, Oscar	Kentucky.
Ashby, W. B.	Indiana.
Bacon, C. E.	Tennessee.
Barker, C. J.	Kansas.
Bishop, H. H.	Kentucky.
Bloebaum, T. J.	Kentucky.
Booher, J. M.	Pennsylvania.
Bramlette, E. S.	Mississippi.
Bush, W. A.	Kentucky.
Carr, J. T.	Mississippi.
Cartmell, F. H.	California.
Casto, H. L.	West Virginia.
Combest, J. D.	Kentucky.
Cooper, W. S.	Tennessee.
Conley, H. P.	Tennessee.
Conway, Seth	Kentucky.
Crowe, S. W.	Kentucky.
Crum, W. H.	Indiana.
Crume, W. E.	Kentucky.
Dearborn, T. B.	New Hampshire.
Dearborn, J. J.	New Hampshire.
Denham, T. W.	Texas.
Deskins, J. T.	Kentucky.
Dimmette, A. J.	North Carolina.

Dorsey, J. T.	Kentucky.
Drake, W. P.	Kentucky.
Eakes, P. M.	Mississippi.
Eckels, L. W.	Kentucky.
Ellis, N. H.	Kentucky.
Empson, Blaine	Indiana.
Felts, Logan	Kentucky.
Fowler, W. E.	Indiana.
Gibson, A. P.	Kentucky.
Gibson, B. R.	Kentucky.
Gilmore, Henry	Kentucky.
Goff, E. S.	West Virginia.
Griffin, M. K.	Kentucky.
Hammack, W. M.	Kentucky.
Harless, L. R.	West Virginia.
Harris, B. C.	Kentucky.
Hicks, J. E.	Indiana.
Higdon, L. S.	Kentucky.
Hughes, T. G.	Mississippi.
Kell, T. G.	North Carolina.
Kerns, I. N.	Kentucky.
Linville, S. M.	Kentucky.
Lutz, J. S.	Indiana.
May, J. F.	Kentucky.
McClellan, W. T.	West Virginia.
McGill, J. W.	Kentucky.
Morland, H. C.	Alabama.
Reeder, D. F.	Kentucky.
Rice, C. M.	Kentucky.
Sallee, Theo	Kentucky.
Shacklette, W. G.	Kentucky.
Smith, R. M.	Kentucky.
Stovall, J. W.	Kentucky.
Strother, J. O.	Kentucky.
Stumbo, Edward	Kentucky.
Swanson, Cosby	Georgia.
Thompson, W. R.	Kentucky.
Tofte, A. A.	Minnesota.
Wallace, T. C.	Kentucky.

Ward, H. H.	West Virginia.
Warren, J. P.	Kentucky.
White, L. C.	Kentucky.
Whitlatch, Bine	Indiana.
Wilcox, E. B.	Iowa.
Williams, W. S.	Ohio.
Willis, Roy,	Kentucky.
Wilson, J. P.	Indiana.
Woomer, Albert	Pennsylvania.
Wright, J. M.	Mississippi.
Van Cleave, W. E.	Indiana.
Veatch, W. O.	Indiana.
Yates, J. B.	Kentucky.

Index

Academy, 88.
Administration and Instruction, Offiers of, 11.
Alumni, Society of, 15, 29.
Apparatus and Museums, 27.
Athletics, 29.
Bequests, 30.
Boarding and Lodging, 21.
Calendar, 2.
Candidates for Graduation, 132.
Carnegie Library, 18.
Christian Association, 25.
College of Liberal Arts:
    Accredited Schools, 34.
    Admission, 31.
    Courses for Degrees, 55, 56.
    Courses of Instruction, 34.
    Curators, 9.
    Elective Studies, 55, 56, 61.
    Examinations and Reports, 56, 58.
    Faculty, 31.

Graduation and Degrees, 59, 63.
Honors, 62.
Recitations, 55, 56.
Selection of Classes and Courses, 56.
College of the Bible:
Accommodations and Expenses, 79.
Courses of Instruction, 66.
Design of the College, 65.
Directions to Students, 82.
Discipline, 78.
Examinations and Reports, 79.
Faculty, 65.
Graduation, Conditions of, 77.
Lectures and Recitations, 74.
Literary Societies, 76.
Matriculation, Conditions of, 78.
Order of Courses, 75.
Trustees, 10.
College of Law, 83.
Commencements, 19.
Commercial College, 96.
Fees, 22, 80.
Government and Discipline, 24.
Grounds and Buildings, 16.
Hamilton College and Junior College for Women, 20.
Historical Sketch, 3.
Honor System, 58.
Lexington, 16.
Literary Societies, 26.
Matriculates, 111.
Matriculation, 22.
Medical Department, 99.
Missionary Organizations, 25.
Organization, 18.
Physical Culture, 28.
Public Entertainments 28.
Publications, 27.
Reading Rooms and Libraries, 27.
Recapitulation, 130.
Religious and Moral Culture, 24.
Scholarships, 23.
Sessions and Terms, 19.
Social Life, 26.
Young Women, 20.

15 uH
-06

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

VOL. VI. No. 3 JUNE, 1906

Kentucky University

BULLETIN

Catalogue Number

Entered at the Post Office at Lexington, Kentucky, as second class matter, according to the Act of Congress, Approved July 16, 1894.

Kentucky University

Incorporated

LEXINGTON AND LOUISVILLE

Catalogue 1905-1906

LEXINGTON, KY.
PUBLISHED BY THE UNIVERSITY
MCMVI

SUCCESSOR TO
Transylvania University
Founded in 1799

CONTENTS

Calendar 4
Board of Curators 5
Officers of Administration and Instruction... 6
Lectures in Morrison Chapel..... 12
Officers of the Society of Alumni..... 12
Historical Sketch 13
General Information 19
College of Liberal Arts—
Admission 43
Graduation and Degrees 51
Honors 54
Masters' Degrees 55
Special Courses 55
Examinations 56
Reports 57
Courses of Instruction 58
Order of Recitations 76
College of the Bible—
Trustees 77
Courses of Instruction 79
Order of Recitations 87
General Information 88
College of Law 95
Preparatory School 101
Commercial College 106
Medical Department 108
Matriculates 119
Recapitulation 138
Candidates for Graduation 140

CALENDAR

1906.

September 10—Monday, the session of the College of Liberal Arts, the College of the Bible, and the Preparatory School begins.

October 1—Monday, the session of the College of Law begins.

November 29-30—Thursday and Friday, Thanksgiving Recess.

December 21—Friday, the first term of the College of Law ends.

December 21—Friday, Christmas Recess begins.

1907.

January 1—Tuesday, the session of the Medical Department begins.

January 3—Thursday, Christmas Recess ends.

January 3—Thursday, the second term of the College of Law begins.

February 1—Friday, the first term of the College of Liberal Arts, the College of the Bible, and the Preparatory School ends.

February 4—Monday, the second term begins.

February 22—Friday, celebration of Washington's Birthday by the literary societies.

March 18—Monday, the third term of the College of Law begins.

June 7—Friday, Final Examinations end.

June 10—Monday, Annual meeting of the Board of Trustees of the College of the Bible.

June 11—Tuesday, Commencement of the College of the Bible.

June 12—Wednesday, Annual meeting of the Board of Curators of Kentucky University.

June 12—Wednesday, Commencement of the College of Law.

June 12—Wednesday, Class-day exercises of the Graduating Class of the College of Liberal Arts.

June 12—Wednesday, Meeting of the Society of Alumni.

June 13—Thursday, Commencement of the College of Liberal Arts.

June 13—Thursday, Alumni dinner.

July 31—Wednesday, Commencement of the Medical Department.

CURATORS OF KENTUCKY UNIVERSITY

Zachary F. Smith ..... Louisville
John S. Sweeney ..... Paris
James M. Graves ..... Versailles
John T. Hinton ..... Paris
Philemon P. Parrish ..... Midway
William W. Estill ..... Lexington
Jeremiah R. Morton ..... Lexington
*John S. Phelps ..... Lexington
Edward L. Powell ..... Louisville
Benjamin L. Coleman ..... Lexington
William T. Withers ..... Lexington
George B. Nelson ..... Winchester
John T. Vance ..... Lexington
Mark Collis ..... Lexington
William S. Dickinson ..... Cincinnati, O.
James H. Hazelrigg ..... Frankfort
Matthew Walton ..... Lexington
Robert C. Talbott ..... Paris
Joseph W. Porter ..... Lexington
Jesse S. Hocker ..... Stanford
Leonard G. Cox ..... Lexington
Strauder D. Goff ..... Winchester
J. Willis Bonner ..... Nashville, Tenn.
Wilson J. Thomas ..... Shelbyville
Charles W. Bell ..... Harrodsburg
Solomon L. Van Meter..... Lexington
Isaac J. Spencer ..... Lexington
William H. Cassell ..... Lexington
Clifford C. Patterson ..... Lexington
Warren C. Graves ..... Georgetown
Attilla Cox ..... Louisville
Carey E. Morgan ..... Paris
Thomas H. Kinnaird ..... Lexington
Benton H. McMillan ..... Nashville, Tenn.

OFFICERS OF THE BOARD

John S. Sweeney, Chairman. Joseph W. Porter, Secretary.
John T. Vance, Treasurer.

EXECUTIVE COMMITTEE

James M. Graves, Chairman. John T. Vance, Secretary.
Leonard G. Cox. William W. Estill. Matthew Walton.

*Deceased.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

BURRIS ATKINS JENKINS, A. M., D. D.,
304 West Third Street, Lexington

President of the University, and ex-Officio Presiding Officer of the College of Liberal Arts.

JOHN WILLIAM MCGARVEY, A. M., LL. D.,
18 Fayette Park, Lexington

President of the College of the Bible.

IRENE T. MYERS, PH. D.,
193 North Mill Street, Lexington

Dean of Women.

LYMAN CHALKLEY, LL. B.,
193 North Mill Street, Lexington

Dean of the College of Law.

THOMAS BENTON MCCARTNEY, JR., M. A., PH. D.,
312 North Limestone Street, Lexington

Principal of the Preparatory School.

WILBUR RUSH SMITH,
303 South Limestone Street, Lexington

Presiding Officer of the Commercial College.

JOSEPH BENSON MARVIN, B. S., M. D., LL. D.,
903 Fourth Avenue, Louisville

Presiding Officer of the Medical Department.

THOMAS CRAIN EVANS, M. D.,
419 West Chestnut Street, Louisville

Dean of the Medical Department.

RESIDING IN LEXINGTON.

JOHN WILLIAM MCGARVEY, A. M., LL. D.,
18 Fayette Park

Professor of Sacred History.

CHARLES LOUIS LOOS, A. M., LL. D.,
457 West Fourth Street

Professor of the Greek Language and Literature.

ALEXANDER REED MILLIGAN, A. M., LL. D.,
376 South Broadway
Professor of the Latin Language and Literature.

ISAIAH BOONE GRUBBS, A. M.,
443 West Fourth Street
Professor of Exegesis and Church History.

ALFRED FAIRHURST, A. M., 643 Headley Avenue
Professor of Natural Science.

BENJAMIN CASSEL DEWEESE, A. M.,
629 Headley Avenue
Professor of Exegesis and Biblical Criticism.

ALFRED CHARLES ZEMBROD, A. M.,
500 West Fourth Street
Professor of the French and German Languages.

SAMUEL MITCHELL JEFFERSON, A. M., LL. D.,
645 Elsmere Park
Professor of Philosophy and Homiletics.

BURRIS ATKINS JENKINS, A. M., D. D.,
304 West Third Street
Professor of Biblical History and Sociology.

HENRY LLOYD, B. S., 312 North Limestone Street
Professor of Mathematics and Astronomy.

IRENE T. MYERS, PH. D., 193 North Mill Street
Professor of History.

HALL LAURIE CALHOUN, PH. D., 622 Headley Avenue
Professor of Hebrew and Ancient History.

LYMAN CHALKLEY, LL. B., 193 North Mill Street
Professor of Law.

HUBERT GIBSON SHEARIN, PH. D., 212 Rand Avenue
Morrison Professor of English Language and Literature.

George R. Hunt, B. L., 252 Market Street
Professor of Law.

Butler T. Southgate, 166 Market Street
Professor of Law.

Charles Kerr, 658 North Broadway
Professor of Law.

George S. Shanklin, 201 East Fifth Street
Professor of Law.

William Charles Morro, Ph., D.,
Professor of Ecclesiastical History.

Thomas Benton McCartney, Jr., M. A., Ph. D.,
312 North Limestone Street
Assistant Professor of Greek.

Eugene Lyman Porter, A. B., 424 North Broadway
Assistant Professor of Science.

John Franklin Smith, B. S., 407 Woodard Avenue
Instructor in English.

Alice Tribble Karr, B. S., 418 West Fourth Street
Instructor in Mathematics.

Reuben Yance Maxey, B. Ped.,
438 West Fourth Street
Instructor in English and History.

Heber Michael Hays, 424 North Broadway
Instructor in Latin.

William Frank Wyatt, A. B., 424 North Broadway
Instructor in Latin.

John T. Shelby, A. M., LL. D.,
418 West Third Street
Lecturer on Law.

JOHN R. ALLEN, LL. B., 417 Fayette Park
Lecturer on Law.

JUDGE JERE R. MORTON, LL. B., 231 East Short Street
Lecturer on Law.

JUDGE J. H. HAZELRIGG, LL. D., Frankfort
Lecturer on Law.

CHARLES J. BRONSTON, LL. D., 183 North Mill Street
Lecturer on Law.

JUDGE MATTHEW WALTON, 512 West Third Street
Lecturer on Law.

GEORGE EDWARD PYLE, 312 North Limestone Street
Director of Physical Training.

JOHN THOMAS VANCE, 454 North Broadway
Treasurer of the University.

WALTER MADISON WHITE, 517 West Third Street
Secretary to the University.

HUBERT GIBSON SHEARIN, PH. D., 212 Rand Avenue
Registrar of the College of Liberal Arts.

JOHN RODERICK BRELAND, 423 Fayette Park
Librarian.

HAROLD HAYES GRIFFIS, 635 Headley Avenue
Assistant Librarian.

CHARLES COSSABOOM, Logan Hall
Assistant Librarian.

ANNIE LAURIE HENRY, 444 West Second Street
Secretary to the President.

RESIDING IN LOUISVILLE.

JOSEPH BENSON MARVIN, B. S., M. D., LL. D.,
903 Fourth Avenue
Professor of Medicine and Neurology.

THOMAS CRAIN EVANS, M. D.,
419 West Chestnut Street
Professor of Ophthalmology, Otology, and Laryngology.

JOSEPH GARLAND SHERRILL, A. M., M. D.,
St. Charles Place
Professor of Surgery and Clinical Surgery.

SAMUEL ELISHA WOODY, A. M., M. D., LL. D.,
600 West Broadway
Professor of Diseases of Children.

HENRY ENOS TULEY, A. B., M. D., Secretary,
111 West Kentucky Street
Professor of Obstetrics.

LOUIS FRANK, M. D., 229 West Chestnut Street
Professor of Abdominal and Pelvic Surgery.

LEON LEOPOLD SOLOMON, A. B., M. D.,
932 Third Avenue
Professor of Materia Medica and Therapeutics and of Clinical Medicine.

WILLIAM EDWARD GRANT, M. D.,
723 West Jefferson Street
Professor of Anatomy and Medical Life Insurance.

CARL WEIDNER, M. D., St. Charles Place
Professor of Pathology and Clinical Professor of Diseases of the Chest.

HENRY HUGH KOEHLER, A. B., M. D.,
1001 Fourth Avenue
Professor of Cutaneous, Genito-Urinary, and Venereal Diseases.

HENRY LOUIS RAPP, PH., G., M. D., 925 Shelby Street
Professor of Chemistry.

BERNARD ASMAN, M. D., Hast Building
Clinical Professor of Diseases of the Rectum.

ADOLPH O. PFINGST, M. D., 427 West Chestnut Street
Professor of Physiology and Diseases of the Eye, Ear, Nose, and Throat.

VIRGIL E. SIMPSON, M. D., Hast Building
Professor of Materia Medica, Therapeutics, and Hygiene.

ROE L. EDMUNDS, M. D., 111 West Kentucky Street
Professor of Obstetrics, Embryology, and Medical Jurisprudence.

CHARLES W. HIBBITT, A. B., M. D., Hast Building
Professor of Gynecology and Operative Surgery.

OLIVER H. KELSALL, A. B., M. D., 1427 West Chestnut Street
Professor of Bacteriology and of Cutaneous and Genito-Urinary Diseases.

ARGUS D. WILLMOTH, M. D., 101 East Chestnut Street
Professor of Surgery and Clinical Surgery.

A. LEE EDDY, M. D., 1904 Preston Street
Professor of Histology and Pathology.

CLAYTON B. BLAKEY, A. M., Trust Building
Professor of Legal Medicine.

J. C. WILLIS, PH. D., 115 West Broadway
Professor of Physics and Latin.

PUBLIC LECTURES AND ADDRESSES IN MORRISON CHAPEL
1906

Thursday, February 15.

DEAN W. P. ROGERS,
of the Law School, University of Cincinnati,
"War, Arbitration, and Peace."

Thursday, March 1.

PRESIDENT JAMES E. AMENT,
State Normal School, Warrensburg, Missouri.
"God and the Fool."

Friday, March 2.

PRESIDENT JAMES E. AMENT,
"The Fourth Profession."

Monday, April 2.

DR. JAMES B. ELY,
of Winona Assembly.
"Influencing the Masses."

OFFICERS OF THE SOCIETY OF ALUMNI

PRESIDENT

HUGH MCLELLAN, A. B., '95, A. M., '97.

VICE-PRESIDENTS

MISS BETTIE BERRY, B. LIT., '97.
SAMUEL MINOR BERNARD, C. of B., '95
JEFFERSON DAVIS CLARK, A. B., '86.

SECRETARY AND TREASURER

MILTON ELLIOTT, JR., A. B., '98.

EXECUTIVE COMMITTEE

ASHBROOK CARROLL FRANK, A. B., '98, *Chairman*
JAMES EDWARD BASSETT.
MILTON ELLIOTT, JR., A. B., '98.
ENOCH GREHAN, A. B., '94.
JOHN THOMAS VANCE.

HISTORICAL SKETCH

Bacon College, the earliest literary institution of its grade established by the Disciples of Christ, began its first session in a dwelling house in Georgetown, Ky., November 14, 1836. Its first president was Elder Walter Scott, who was very soon succeeded by Elder David S. Burnet. Its charter, granted at the next session of the Legislature, was approved February 23, 1837. Among its sixteen incorporators were John T. Johnson, Philip S. Fall, John Bowman, and James Challen.

The College was removed to Harrodsburg in the summer of 1839. Beginning its first session there, again in a dwelling house, September 2, 1839, it was conducted first under Samuel Hatch, M. D., and from 1840 under James Shannon, LL. D., until insufficient means led to its suspension in 1850.

In the winter of 1855-6 Maj. James Taylor and Mr. J. B. Bowman, both of Mercer county, entered on the work of founding a university which should be the successor of Bacon College. Mr. Bowman's appeals for financial aid were successful beyond expectation, and the preparatory department was openel September 21, 1857.

An amended charter, approved January 15, 1858, in which the provisions of the first charter were greatly extended and the name of the institution was changed to Kentucky University, was accepted by the trustees of Bacon College, February 2, 1858.

The collegiate department was opened under the presidency of Robert Milligan, A. M., September 19,

1859. The destruction of the college building by fire in 1864 necessitated the removal of the institution from Harrodsburg. After invitations from Louisville and Covington had been considered, an offer of the property of Transylvania University that had been made and declined in 1860, and that was now renewed, was accepted.

Transylvania Seminary was chartered by the Legislature of Virginia in May, 1783. The first meeting of its trustees was held November 10, 1783, near Danville, Ky. Its first session began February 1, 1785. After a few years the seminary was removed to Lexington, Ky. Its first session in this place began June 1, 1789.

By an act of the General Assembly of Kentucky, approved December 22, 1798, Transylvania Seminary and Kentucky Academy were united January 1, 1799, under the name of Transylvania University.

Rev. James Moore, the last president of Transylvania Seminary, was the first president of the University. He was succeeded in 1804 by Rev. James Blythe, M. D., who was acting president until the inauguration of Rev. Horace Holley, LL. D., in 1818. The University prospered under Dr. Holley's administration, which was terminated by his resignation in 1827. In rapid succession came Rev. Alva Woods, D. D., in 1828; John Lutz, A. M., in 1831; Rev. Benjamin O. Peers, at whose inauguration, on November 4, 1833, Morrison College was dedicated; Rev. Thomas W. Coit, D. D., in 1835; Rev. Louis Marshall, D. D., in 1837; and Rev. Robert Davidson, D. D., in 1840. In 1841 the trustees entrusted the academic department to the

Kentucky Conference of the Methodist Episcopal Church. With the accession of Rev. Henry B. Bascom, D. D., LL. D., to the presidency in 1842, a great revival of prosperity began, which continued beyond the resumption of control by the trustees that followed his resignation in 1849. James B. Dodd, A. M., was acting president until the academic department was reorganized in 1856 under the presidency of Rev. Lewis W. Green, D. D., as a State school for teachers. The law department, which had boasted the names of Clay, Barry and Robertson, had ceased to exist; with the abrogation in 1858 of the act of reorganization the academic department came to its end; the closing in 1859 of the medical, which had long been the largest of its three departments, ended the career of Transylvania University.

After an existence of sixty-six years, Transylvania University was consolidated with Kentucky University by an act of the Legislature, approved February 28, 1865, which was accepted by the Curators of Kentucky University and by the Trustees of Transylvania University.

The First Session of Kentucky University in Lexington began October 2, 1865. To the College of Liberal Arts and the Academy, which had been conducted at Harrodsburg, the College of the Bible and the College of Law were now added.

The office of regent of the university was created July 17, 1865. John B. Bowman, LL. D., the founder of the University, was elected regent, which office he held until June, 1878.

By an act of the Legislature, approved February 22,

1865, the *Agricultural and Mechanical College* of Kentucky was made one of the colleges of Kentucky University. Its first session began October, 1866. This college ceased to be a college of Kentucky University by virtue of an act of the Legislature, approved March 13, 1878.

The *Commercial College,* which was organized in the summer of 1867, was opened to students October 7 of that year.

In the summer of 1878, the last session of the College of the Bible under the charter of Kentucky University closed, and the new *College of the Bible,* which had been established in 1877, took its place. This college, organized under its own charter and in administration and control entirely independent of the University, is conducted in connection with it.

The office of regent was discontinued June 12, 1878, at which time Henry H. White, LL. D., was elected president of the University. He filled this office until on his resignation of the presidency in 1880, Charles Louis Loos, LL. D., was elected to succeed him.

In 1889 the College of Liberal Arts and the Academy were opened to young women.

In that year the University contributed to the educational exhibit that was sent by the Government of the United States to the Exposition Universelle in Paris, and in 1893 to the Kentucky exhibit of the Liberal Arts Department of the World's Columbian Exposition in Chicago. Both these contributions were honored with awards.

The department of physical culture was opened in 1894.

The *College of Law,* suspended in 1879 and reopened

in 1893, was suspended again in 1895, and again reopened in 1905.

The presidency of the University having again become vacant by resignation, Reuben Lindsay Cave, A. M., was, in the summer of 1897, elected to succeed President Loos.

In the autumn of that year a medical college in Louisville was made one of the associated colleges of the University. This arrangement, not proving satisfactory, was soon discontinued, and the *Medical Department* of the University was organized, which began its first session in that city January 2, 1899.

The hundredth anniversary of the opening of Transylvania University was commemorated in Morrison Chapel on the evening of January 1, 1899. The Governor of the Commonwealth was present, and the parts of an appropriate programme were borne by gentlemen who are at the head of sister institutions of learning and by prominent ministers of the Gospel.

On the resignation of President Cave, in February, 1900, Alexander R. Milligan, A. M., was appointed acting president.

In 1904 the University received an award for its exhibits at the Louisiana Purchase Exposition in St. Louis.

The College of the Bible was opened to young women in 1904.

Professor Milligan having asked to be relieved of the office of acting president, Burris A. Jenkins, A. M., B. D., was, in June, 1901, elected president.

At the annual commencement in June, 1905, the fiftieth anniversary of the removal of Kentucky Uni-

versity to Lexington and its union with Transylvania University was celebrated with a great reunion of alumni. Wednesday, June 14, was devoted to anniversary exercises. Addresses were delivered by Professor Alexander R. Milligan, Hon. Zachary F. Smith, Judge James Stover of Milwaukee, and Hon. Benton McMillan of Nashville. So great was the throng that assembled for this reunion that the exercises and also the commencement were held in the open air on the College Lawn.

GENERAL INFORMATION

Location.

Lexington, the seat of all the departments of the University except the Medical Department, which is at Louisville, is the typical city of Kentucky. Situated in the heart of the famous Blue Grass Region, it is easily accessible by railways and interurban lines that lead to it from every direction. Its elevated situation, salubrious climate, and abundant supply of pure water have obtained for it a deserved reputation for healthfulness. It is further recommended as an educational seat by the refinement of its citizens, its many historical associations, and the moral influence of its numerous churches. The city has a population of about thirty thousand, and in the conveniences of modern life rivals many larger places. It gives opportunities for social, musical, and literary life, which prove of great benefit to students. The surrounding country, with its old homesteads and refined rural population, cannot but influence greatly the development of young people sojourning in Lexington.

EQUIPMENT.

Grounds.

The campus that is the principal site of the University contains about fourteen acres in the highest and most attractive part of the city of Lexington. Means for the purchase of about two-thirds of this large square, which is bounded by Third, Fourth, Broadway and Upper Streets, were provided by a legacy left Transylvania University in 1823 by Col. James Morrison, of Lexing-

ton. The rest of the campus was afterwards secured for that institution by the Hon. Henry Clay, Dr. B. W. Dudley, Benjamin Gratz, and David A. Sayre.

Buildings.

Morrison College—Means for erecting this imposing Doric edifice were also provided by the will of Col. James Morrison. The building, which is still the principal home of the College of Liberal Arts, was dedicated with appropriate ceremonies in 1833. It contains Morrison Chapel, the offices of administration, two large society halls, the young women's rest room, and several well equipped recitation rooms. The College of Law is at present domiciled here.

East Hall—This hall, formerly called the Academy, was erected primarily for the accommodation of the classes of the Preparatory Department, but owing to the increase of the classes in the College of Liberal Arts and the decrease in the number of classes in the Preparatory Department, the building is now almost exclusively used by the classes of the College of Liberal Arts.

College of the Bible—The new building of the College of the Bible is modern and commodious. Its class rooms are large, well lighted, well ventilated, and are equipped with the best modern furniture. It contains besides the Milligan Chapel several recitation rooms, two neatly furnished society halls, and the Library of the College of the Bible, in which is a spacious reading room with current papers and periodicals. At present some of its recitation rooms are used by classes of the College of Liberal Arts.

Dormitories—The three dormitories, *Logan Hall,*

Craig Hall, and *Davies Hall,* lodge about 100 young men. These buildings are well ventilated and well lighted with electricity. They contain a large dining hall, and are the home of the Adelphian Boarding Club, which can furnish meals to about 200 young men. These dormitories, intended primarily for the occupancy of ministerial students, are open also to other students of the University.

Gymnasium—In recognition of the need of regular physical exercise for the students, the authorities of the University, with the co-operation of the alumni, have erected within the last few years the Gymnasium building, to which all students of the University and of Hamilton College have free access. Instruction in physical training is given regularly by competent directors.

Hamilton College—The buildings of Hamilton College are on Broadway near the campus of the University. The nearness renders it very easy for students of the Junior College for Women to attend classes at the University. For further information see the catalogue of Hamilton College.

Law College—The classes of the Law College at present meet in a room in Morrison College.

Commercial College — This occupies commodious rooms at the corner of Mill and Main streets in the business center of Lexington.

The Medical Department—This department of the University is located in Louisville. The buildings occupy a large and beautiful campus located on Broadway, between First and Second streets. They are commodious and are admirably equipped with every modern convenience for medical students. Their close prox-

imity to the city hospitals is of especial advantage to students.

Laboratories—Individual laboratory work is required in all the courses in Science—experimentation in Physics and Chemistry, dissection and work with the microscope in Biology, and identification of minerals and fossils, map-drawing, etc., in Geology. The different laboratories are adequately equipped with apparatus and material for such work. The department of Physics and Chemistry has in addition a large collection of valuable apparatus for lecture table demonstration and special experimentation, and the department of Biology has recently purchased a number of high-grade microscopes.

Museum—The University Museum, containing extensive collections of zoological, geological, and mineralogical specimens, furnishes supplementary material for illustration and comparison in the work of the various sciences. The collections of birds and of fossils are particularly good. The museum will eventually occupy rooms in the new Science building when that is completed, where its proximity to all the laboratories will greatly enhance its value. At present the museum and laboratories occupy rooms on the first and third floors of Morrison College.

The Hospital—In case of serious illness, students in Lexington may have the advantages of the Good Samaritan Hospital, in which the University has a neatly furnished room, or of St. Joseph's Hospital. Both of these hospitals are near the University.

Reading-room and Libraries—The reading-room and the law, medical, and miscellaneous libraries of the University are open to the students, who have access also

to the public libraries of Lexington and Louisville. Young women have the exclusive use of a study room that adjoins the recitation room of the Dean of Women.

The Library of the College of the Bible contains several thousand carefully selected volumes, among which are included many of the books of the old library of Transylvania University, also numerous encyclopedias and other reference books, works of history and general literature, current papers and periodicals. The library is in charge of a competent librarian and is open throughout the day to all the students of the University. Considerable progress has been made in securing departmental libraries for various departments of the University. Students of the Law College have access to the law library of the city of Lexington, in which the law library of the University has been placed.

The Carnegie Library.

The University in 1865 succeeded to the property of Transylvania University. A part of that property is the old college lawn which lies between Mill and Market streets and extends in a long rectangle from Morrison College to Second street. On the south end of the college lawn, on a lot purchased by the city of Lexington for the purpose, has been erected the Carnegie Library. This handsome structure, which cost $60,000, is harmonious in style with Morrison College, and the view from the one to the other along the college lawn is beautiful and imposing. The Carnegie Library is the public library of the city of Lexington, but the advantage to the University from its location upon the college lawn is evident.

The library contains about 25,000 volumes, including in the general collection a large number of works of special interest to students. On the open reference shelves are to be found numerous encyclopedias; dictionaries of the English and foreign languages, of classical antiquities, architecture, archaeology; classical and historical atlases, etc. Students have access to all the books of the library on the usual conditions.

Organization.

The University comprises six colleges and a preparatory department.

1. The College of Liberal Arts, Lexington, Ky.
2. The Junior College for Women, in Hamilton College, Lexington, Ky.
3. The College of the Bible, Lexington, Ky.
4. The College of Law, Lexington, Ky.
5. The Medical Department, Louisville, Ky.
6. The Commercial College, Lexington, Ky.
7. The Preparatory School, Lexington, Ky.

The colleges are divided into departments of instruction, each of which is under the immediate direction of a professor, who is assisted, when necessary, by competent instructors.

Detailed information is given below concerning the departments of the University in their order.

Reciprocal Privileges.

Matricultes of the College of Liberal Arts have the privilege of attending, without additional charge, classes of the College of the Bible and the Preparatory School. Matriculates of the Colleges of the Bible and

of Law, as also matriculates of the Commercial College after the completion of their business course, have a like privilege of attending classes of the College of Liberal Arts and the Preparatory School. Matriculates of the College of Liberal Arts and of the College of the Bible are, on recommendation, admitted without examinations to classes of the Medical Department; and graduates in the classical, literary, and scientific courses are advanced one year in the four years' medical course.

Degrees and Diplomas.

Bachelor of Arts. Students who complete satisfactorily the Classical or the Literary Course in the College of Liberal Arts will be graduated with the degree of Bachelor of Arts.

Bachelor of Science. Students who complete satisfactorily the Scientific Course in the College of Liberal Arts will be graduated with the degree of Bachelor of Science.

Master of Arts. Students who have received a baccalaureate degree from the College of Liberal Arts or from an institution of equal grade, and who, as resident students, have completed to the satisfaction of the faculty at least one year of graduate work, may receive the degree of Master of Arts.

Bachelor of Laws. Students of the College of Law who have pursued a course of study with satisfaction to the law faculty, and who have passed the required examinations, are graduated with the degree of Bachelor of Laws. For detailed information see under the announcement of the College of Law.

Doctor of Medicine. Students of the Medical Depart-

ment who have completed the required four years' course of study to the satisfaction of the medical faculty, and passed the requisite examinations, are graduated with the degree of Doctor of Medicine. For detailed information see under the announcement of the Medical Department.

The College of the Bible confers no degrees, but grants two diplomas on the completion of certain required courses. Detailed information as to these courses and diplomas is found in the part of the catalogue devoted to the College of the Bible.

The College Year.

The session of the College of Liberal Arts, the College of the Bible, and the Preparatory School begins on the second Monday of September; that of the College of Law on October the first. The session of the Medical Department begins on January the first and ends on July the thirty-first. The session of the Commercial College continues through the calendar year.

Every session of the College of Liberal Arts, the College of the Bible, and the Preparatory School is divided into two terms; that of the College of Law is divided into three terms. Of the Medical Department there is but one term. The exact divisions of the session of 1906-7 are given in the Calendar that occupies page four of this catalogue.

The Commencement of the College of Liberal Arts is on the second Thursday in June; that of the College of Law, on Wednesday next preceding; that of the College of the Bible, on Tuesday next preceding. The Com-

mencement of the Medical Department is on the last Wednesday in July.

Provision for Young Women.

With the exception of the Medical Department, all the Departments of the University are open both to men and women. The young women of the University are under the special care of the Dean of Women, Dr. Irene T. Myers. Their boarding places are chosen subject to her approval, and she is in touch with them in their various college activities.

Young women who wish to enter the College of Liberal Arts, and have not yet been adequately prepared to do so, may make up their conditions at Hamilton College.

Hamilton College and Junior College for Women.

This is an institution for the education of girls over which Kentucky University assumed direct control in 1903. This does not, however, mean that Hamilton College is co-educational. Its policy remains the same as formerly so far as regards the seclusion of its students. Its standards of scholarship have been raised until its certificate now admits students without examination to Wellesley and other colleges of similar grade.

It has been arranged that young women who wish to enter Kentucky University can take the first two years of their work here, this constituting what may be regarded as the Junior College for Women of Kentucky University.

Government and Discipline.

The government of the University, directed by the presiding officers and professors, who treat the students as friends, aims to maintain such a discipline as will conduce to the good order and prosperity of the institution.

Every matriculate is required to abstain from whatever is inconsistent with good order, good taste and good morals; and to observe faithfully the by-laws adopted by the faculties for the government of students. The discipline is parental and is administered not with severity but with strictness.

This kind of government has borne its good fruits. The University enjoys an enviable reputation for the excellent character of its students and for the general good order pervading it. In these respcts it may invite comparison with any other institution of its class.

The Honor System.

Three years ago the students of the College of Liberal Arts formally adopted the honor system in examinations and all written tests. The purpose of this action was to express their willingness to relieve the Faculty of responsibility and discipline in the case of a student found guilty of using unfair means in examination.

The resolutions passed by the students in mass-meeting are substantially as follows: That cheating in examinations and written tests is dishonorable and disgraceful; that the case of any student suspected of cheating shall be investigated, and, if found guilty, he shall be asked to withdraw from the College; that the com-

mittee of investigation shall consist of the presidents and secretaries of the different classes, and a chairman elected by the student body for one year.

The following pledge is signed by each student in each examination: "I affirm upon my honor that I have neither received nor given assistance on this examination."

It is for a violation of this pledge that a student is prosecuted before the committee of investigation. As the students voluntarily assumed this duty, it is confidently believed that they will continue faihfully to execute it. Proper effort is made to protect students from temptation to violate their pledges.

Other colleges of the University have also formally adopted the honor system. The spirit of truth and honor thus fostered in the examination room is pervading every phase of student life.

Matriculation.

A student, upon his arrival, should report promptly to the President of the University, or to the presiding officer of the college in which he proposes to matriculate, and present his testimonials of character and standing. After having satisfied the conditions of entrance he is registered as a student of the University by the secretary, who issues to him a matriculation card to be signed by the President, and, after the payment of the matriculation fees, by the treasurer of the University. He then, in consultation with the dean or presiding officer, selects the course of study that he expects to pursue. After visiting the professors whose classes he wishes to enter and receiving their signatures on the

card, he returns it to the secretary and, if he is a matriculate in the College of Liberal Arts, the secretary issues to him a class card that entitles him to attend classes and lectures. Upon entering any class the student must immediately present this card to the professor in charge. No student may attend classes or lectures until these conditions are complied with.

The first three days of the session are devoted to the entrance examinations and the organization of classes. Every student who intends to matriculate should, therefore, be present on the first day of the session.

He should, as early as practicable, select a suitable place for boarding and lodging, and without delay notify the President or the secretary of the place selected. Information regarding rooms and board may be obtained at the President's office.

Class Attendance.

Before any student can begin his work he must consult the dean as adviser. The approval of the dean or the presiding officer is necessary before the student can enter upon any course of study.

No student is permitted to take work that requires him to spend less than 12 hours a week at lectures or recitations, nor, except by special permission, more than 20 hours. This does not apply to students who, by arrangement with the Faculty, enter the University to do special work.

Whenever admission to a class is on condition it is the duty of the student to remove those conditions as soon as possible. Once admitted, he should attend faith-

fully to his college duties until the close of the session or until information concerning his withdrawal has been given to the President by the person under whose care the student is. Parents, guardians, and students that are of age are requested to give such information promptly.

No student is permitted to withdraw from a class without the consent of the professor in charge. In case of withdrawal, the student must take his matriculation card to the professor, who removes his own name from the card, which is then returned to the President's office.

Unexcused absences from recitations and regular class exercises during the term, or from examinations at the end of the term, lower the estimates of conduct and either lower or entirely prevent estimates of scholarship.

The studies that are required for admission to the several departments of the College of Liberal Arts are given under Requirements for Admission. For each course satisfactory equivalents may be offered.

EXPENSES.

FEES.

College of Liberal Arts or Preparatory School.

Matriculation and Tuition.—For a session: matriculation, $25.00; tuition, a tuition coupon or $5.00. If payment is made by the term, $16.00 for each term. Students having half their work in the College of Liberal Arts or Preparatory School and half in the College

of the Bible, may matriculate in either college at the same rate—$20.00 for the session.

Laboratory.—Chemistry, $3.00 for chemicals, and a deposit of $2.00 to cover damage to apparatus; Physics, $2.00; Zoology, $1.50; Botany, $1.50; Geology, $1.50.

Graduation.—Bachelor's degree, $10.00; master's degree, $10.00; certificate from any one department, $3.00.

All fees are required in advance, and no fee will be refunded.

College of the Bible.

Tuition.—For a session, $20.00; if payment is made by the term, $11.00 for each term. Students having half their work in the College of the Bible and half in the College of Liberal Arts or Preparatory School, may matriculate in either college at the same rate—$20.00 for the session.

Graduation.—Diploma, $5.00.

All fees are required in advance, and no fee will be refunded.

Junior College for Women.

For detailed information as to fees and other expenses, address the President of Hamilton College, Lexington, Ky.

College of Law.

Matriculation and Tuition.—For a session, $90.00; for a single term, $45.00. The fees for special students attending the Senior class are $110.00.

Fees are payable, one-half on entrance and one-half on February 1st.

Medical Department.

Matriculation and Tuition.—For a session: matriculation, $5.00; tuition, $70.00.

Hospital.—A fee of $5.00 is charged by the city for attendance at the City Hospital. This is payable only in the junior and senior years.

Graduation.—Diploma, $25.00.

All fees are payable in advance.

Commercial College.

Merchant's course, $35.00; full diploma, $55.00; shorthand, $35.00; typewriting, $20.00; shorthand and typewriting, $50.00.

Rooms and Board.

Students who wish to board at any one of the dormitories should make their wishes known before coming to Lexington. This may be necessary in order to secure a room. As a member of one of the boarding clubs, a student may obtain board at $1.75 a week. Lodging for two students in a room may be had at from $2.00 to $3.00 a month. In families, the weekly cost of boarding, fuel, light, and the use of furnished rooms, varies from $2.50 to $4.00.

A student may select his house for boarding and lodging, subject in all cases to the approval of the presiding officer of his college. He may not, however, board or lodge in any house in which the rules of good order and decorum are, in any respect, disregarded.

Information in regard to boarding places will be furnished to students at the President's office.

Sources of Aid to Students.

Many of the students enrolled in the University make a part of their expenses during the school year, and not a few find work enough to pay the entire cost of schooling. To young men of small means who find it necessary to work their way through college, Lexington affords many opportunities. Some defray their expenses by preaching to congregations within easy reach of Lexington, some by tutoring, some by stenographic work, some by carrying daily papers, or by other employment. The demands for such employments always exceed their number. The University does not supply means for defraying expenses.

Information in regard to securing employment, or in regard to securing assistance from the scholarship funds will be cheerfully given to students who apply by letter or in person to the President.

Scholarships.

Endowed.

The Executive Committee of the College of Liberal Arts will grant to any individual or company of individuals, who give as much as two thousand dollars to the endowment funds of the University, the privilege of establishing and naming a perpetual scholarship in the College of Liberal Arts or in the Preparatory School. It is expected that many beneficent persons will make such donations.

The William Temple Withers Scholarships—Three scholarships are annually awarded upon funds

given by Mrs. Martha S. Withers in memory of her husband.

. . The Mary Garth Scholarship.

The James and Margaret York Scholarship.

The Charles Allen Thomas Scholarship.

The Byron McClelland Scholarship.

The Samuel Martine Smith Scholarship.

The Vine Street Christian Church, Nashville, Tenn., Scholarship.

The Maria Farnsworth Scholarship.

The Nelson Prewitt Van Meter Scholarship.

Special.

A scholarship in the Medical Department is awarded each year, upon recommendation of the Executive Committee, to a worthy male graduate of the College of Liberal Arts.

The honor graduate of any of the accredited schools may, upon application, be awarded a scholarship in the College of Liberal Arts.

Moral and Religious Culture.

On every recitation day of the College of Liberal Arts, of the College of the Bible, of the College of Law, and of the Preparatory School, chapel exercises are held in Morrison and Milligan Chapels. The professors are present, and attendance on the part of the students is obligatory. The services are conducted by members of the faculties and by invited ministers of the gospel. Addresses are delivered from time to time in the separate chapels and whenever a joint service of the colleges of the University is held in Morrison Chapel.

Every student is expected to attend religious worship in some church on Sundays. Many students are regularly present at week-day prayer-meetings, and many are members of Bible classes that look especially to their religious and spiritual instruction and training.

The Bible in English and in the original tongues is a text-book in the University.

Christian Associations.

There is in the College of Liberal Arts a Young Men's Christian Association, which meets regularly once a week, and which does much for the religious development of the students of this College.

The College of the Bible, in like manner, has its own Young Men's Christian Association, with comfortable rooms in Logan Hall.

There is also a Young Women's Christian Association which holds regular meetings in the young women's study hall in Morrison College. These associations have all been unusually successful during the past year and are of very great value to the University.

Not far from the University is the handsome building of the Young Men's Christian Association of Lexington. This building is admirably equipped with every modern convenience,—baths, club rooms, swimming pool, gymnasium, library and reading rooms. A special rate of $4.00 for six months is made to the students.

Christian Missions.

A mission study class is maintained under the direction of the Student Volunteer Band, and is open to all

members of the University. A thorough study of all the fields of the world is made, and conferences as to methods of work are held. Returned missionaries are frequently entertained by the class, and their knowledge and advice have been found most valuable.

Social Life.

Kentucky University, as a co-educational institution, seeks to provide college life of such a character as to fit young men and women for the social world in the largest sense of that term. It hopes to supply an atmosphere in which manly and womanly characters may develop fully and naturally. The discipline is such that each individual bears the responsibility of self-control, demanding the right exercise of judgment. At the same time the student is not left without the friendly direction, suggestion, and correction, when necessary, of older and wiser heads who have his interest closely at heart. The students meet frequently at public functions, athletic, musical, and literary, and also at frequent intervals in purely social events, either in the college halls, or in the homes of the President and professors. The best of the social life of Lexington is also possible for students of the institution.

Literary Societies

The Literary Societies of the College of Liberal Arts are four: the Cecropian and the Periclean for young men, the Alethea and the Cornelia for young women; of the College of the Bible, two: the Philothean and the Phileusebian. They have their halls and libraries, and their regular exercises add to the facilities afforded for the practice in composition, elocution, and discussion.

Oratorical Contests.

In 1886 an organization was entered into by the leading colleges of Kentucky for the promotion of oratory among the students of those colleges. This organization is known as the Kentucky Intercollegiate Oratorical Association, and embraces the following colleges: State College, Central University, Georgetown College, Kentucky Wesleyan College, and Kentucky University. Representatives are chosen each year by these colleges who meet in final contest at some time in April. The contestant receiving the highest average for thought, composition, and delivery is awarded a gold medal as a prize.

A contest between the societies of the College of Liberal Arts is held each spring to select a student to represent the University in the Southern Intercollegiate Oratorical Contest, which usually takes place in May. In this contest are representatives from the University of Texas, University of Virginia, Vanderbilt University, University of the South, University of North Carolina, Georgia School of Technology, and Kentucky University. A prize, the value of which varies from $50.00 to $125.00, is awarded to the successful contestant.

Declamatory Contest.

In January of each year the societies of the College of Liberal Arts select by contest a representative to meet the representatives from Kentucky Wesleyan College, Georgetown College, State College, and Central University in a declamatory contest. This contest is held at one of the colleges mentioned, and the successful contestant receives a $25.00 gold medal as a reward.

Kentucky Intercollegiate Debating Association.

The Kentucky Intercollegiate Debating Association, organized in 1906, is composed of the literary societies of Georgetown College, State College, Kentucky University, and Central University. Its purpose is to discuss in public leading questions of the day, and in this way develop ready and useful speakers.

The four colleges are arranged in two groups for the semi-final debates, which are held in the latter part of the school year. Three representatives from each college participate in the debates.

In the spring of the following year two final debates are held, one between representatives from the colleges in the winning group, one between representatives from the colleges in the losing group.

To encourage the interest in debating, six medals are given each year, one to each representative of the winning groups.

Lectures and Entertainments.

Open sessions are held by the societies during the year to which the students and the public are invited.

On the second Friday of each December the annual debate takes place between the Cecropian and Periclean Societies.

Several lectures are given each session by men eminent in their professions. These lectures are always on subjects of special interest to students. Readings and musical entertainments are given by the best talent obtainable. From time to time, also, prominent alumni, professors, or distinguished guests of the University, are invited to give lectures open to the public and to the student body.

The Choral Society, which is composed of instructors and students of the University and Hamilton College, is under the supervision and direction of the Department of Music of Hamilton College. This society affords an excellent opportunity for the development of taste for the best music. Concerts and recitals are given during the session, to which the public is invited.

Other entertainments are given during the year by various student organizations.

The Society of Alumni.

The purpose of this society is to foster a spirit of fraternity among the graduates and other former students of the University, and to unite them in an effectual and cordial support of the institution. Any graduate of Bacon College, Transylvania University, or Kentucky University that has maintained a good moral character may become a member. Undergraduates who attended through two former sessions are eligible to associate membership after one year's absence. The erection of the gymnasium in 1894 and the refurnishing of Morrison Chapel in 1897 were due mainly to the efforts and contributions of members of this society. The annual meeting for the transaction of the business of this society is held in Morrison Chapel the afternoon before the Commencement Day of the College of Liberal Arts. A banquet in the gymnasium immediately after the Commencement exercises of that college is the occasion of pleasant reunions and first meetings of earlier and later students brought together by their interest in their common alma mater.

Publications.

The Bulletin, containing announcements and matters of general information, is published quarterly by the University. The Annual Catalogue is one number of the Bulletin.

The Transylvanian, issued monthly, is published by the Literary Societies of the University.

The Crimson is the University Annual and is published by the graduating classes of the University.

Physical Training.

Systematic physical training is provided in a handsome and well-arranged gymnasium, which is equipped with suitable apparatus, lockers, and baths. Under a competent director, it has proved a valuable addition to the facilities afforded by the ample campus of the University for promoting the health and physical development of the students. The gymnasium is reserved on Mondays and Thursdays for the use of the young women of the University and of Hamilton College. The exercises consist of class drills, indoor tennis, and basket ball.

The gymnasium is under the supervision of the faculty of the College of Liberal Arts, and is open to matriculates of that college, the College of the Bible, the College of Law, and the Preparatory School.

Every matriculate of those colleges is required to take regular exercise in the gymnasium at least twice every week, unless excused by the presiding officer of the college in which he is matriculated.

Athletics.

The Kentucky University Athletic Association is

made up from the colleges of the University that are in Lexington, and has for its object the promotion of clean, manly sport in the institution. It is under the control of an athletic council, consisting of two members of the Faculty, two alumni, and four students, and acts in accordance with rules adopted by the Faculty and approved by the Board of Curators. Only *bona fide* matriculates are permitted to represent the institution in foot ball, base ball, and other field contests. All students are expected to assist in maintaining the good reputation of the University in all athletic contests. An excellent field on North Broadway, within ten minutes walk of the campus, has been provided by the Curators for the use of the various athletic teams.

Bequests.

General or special forms of bequest will, upon application, be sent to such friends of the University as may desire to remember it in their wills. There is no better method of perpetuating a name than by the endowment of a chair or a scholarship in an institution of learning.

Information.

Further information may be obtained by addressing the President, at Lexington, Kentucky.

COLLEGE OF LIBERAL ARTS

FACULTY.

Burris Atkins Jenkins, A.M., D.D., Presiding Officer.
Charles Louis Loos, A. M., LL. D.
Alexander Reed Milligan, A. M., LL. D.
Alfred Fairhurst, A. M.
Alfred Charles Zembrod, A. M.
Samuel Mitchell Jefferson, A. M., LL. D.
Henry Lloyd, B. S.
Irene T. Myers, Ph. D.
Hubert Gibson Shearin, Ph. D.
Thomas Benton McCartney, Jr., M. A., Ph. D.
Eugene Lyman Porter, A. B.
John Franklin Smith, B. S.
George Edward Pile.

REQUIREMENTS FOR ADMISSION.

Every applicant for admission to the College of Liberal Arts must present satisfactory evidence of good moral character; and, if he has been connected with any other college or school, a certificate of honorable dismission therefrom.

In order to be enrolled as a matriculate of the College the student must be at least fifteen years of age, and must be a member of two or more of its classes. The latter condition may be waived, in the case of special students, upon recommendation of the dean and the approval of the President.

Admission to the College is granted by examination or by certificate.

Admission by Examination.

Students who do not present approved certificates showing that they have completed satisfactorily all the requirements for admission, must stand an entrance examination before they can be admitted to any college class. The first three days of the session are devoted to the examination and classification of students. It is, therefore, important that the applicant for admission shall be present on the first day of the session.

Admission by Certificate.

Students who present certificates of work done in schools of approved standing and covering the entrance requirements are admitted to the College without examination.

Admission by certificate is in all cases provisional: the student is admitted *on trial* to the classes for which his former studies and the certificate of the school indicate that he is prepared. The trial which may in each class continue through one term, ends whenever the instructor is satisfied either that the student is entitled to regular standing or that he is not adequately prepared for the class. If a student fails in any subject in the College that depends upon an entrance subject for which a certificate has been accepted, the credit for that entrance subject may be cancelled. Certificates from schools whose students prove to be imperfectly fitted will ultimately not be considered.

Applicants for admission who expect to enter without examination should present specific statements of

the work that has been done, giving details of subjects taken, authors read, the text-books used, and the dates of examinations. Blanks prepared for this purpose will be furnished on application. Certificates upon which entrance credits are to be granted must be signed by the principal or instructors of the school in which the work was done, and should be in the hands of the President some time before the opening of the session.

Accredited Schools.

The graduates of accredited schools are permitted to enter the College without examination, and a scholarship is offered to the honor graduate of any accredited school. A list of these schools will be furnished on application.

The University desires to extend this list. Correspondence from principals desirous of affiliation is solicited.

Advanced Standing.

Applicants for a baccalaureate degree coming from other colleges and universities may, in the discretion of the faculty, be admitted to advanced standing in the College and given credit for the work done elsewhere. To receive credit towards advanced standing, application should be made at the time of matriculation or earlier. Explicit statements, duly certified, of the work that has been done should be submitted, indicating both the subjects studied in satisfaction of entrance requirements, and the courses completed in college. Blanks prepared for this purpose may be obtained upon application.

STUDIES REQUIRED FOR ADMISSION.

Greek.

I. Grammar. A thorough familiarity with the forms and the fundamental rules of syntax is required. Particular attention should be given to the correct writing of Greek with the accents, to exercises written and oral, and to the use of the blackboard for constant practice on forms and constructions. The grammars of Goodwin, Hadley-Allen, and Babbitt are recommended.

II. Prose Composition. Pearson's Prose Composition, parts I and II, or an equivalent. The candidate must be able to translate into Greek simple prose based on passages from the Anabasis.

III. Reading. Xenophon, Anabasis, four books. The candidate must be able to translate at sight passages of average difficulty from Xenophon or other Attic prose.

IV. The History of Greece. The portions of West's or Myers' Ancient History devoted to the history of Greece will satisfy the requirement.

Latin.

I. Grammar. A thorough familiarity with the forms and the fundamental rules of syntax is required. The grammars of Allen and Greenough, Harkness, and Bennett are recommended.

II. Prose Composition. Arnold's Prose Composition, or an equivalent. The candidate should be able to translate into Latin simple prose based on Caesar and Cicero.

III. Reading. Caesar, Gallic War, four books, or an equivalent; Cicero, four orations (the Manilian Law counting as two); Virgil, Aeneid, four books.

IV. The History of Rome. The portions of West's or Myers' Ancient History devoted to the history of Rome will satisfy the requirement.

ENGLISH.

The preparation for English entrance credits should include:

I. Careful and prolonged training in grammar and composition. No student will be retained in the College classes whose written work proves to be seriously defective in spelling, use of capitals, punctuation, grammar, use of words, or structure of sentences and paragraphs.

II. A general knowledge of the subject-matter of the books listed below. The student should be able to state the leading thoughts of an essay, to tell the main incidents, sketch the principal characters, and describe the striking scenes of a poem or novel; he should also know something of the life of each author.

In 1906, 1907, and 1908 the books for general study are: Shakespeare's Macbeth and Merchant of Venice; Addison's Sir Roger de Coverley Papers from the Spectator; Irving's Life of Goldsmith; Coleridge's Ancient Mariner; Scott's Ivanhoe and Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and the Passing of Arthur; Lowell's The Vision of Sir Launfal; Eliot's Silas Marner.

III. A particular knowledge of the following books, including subject-matter, structure, versification, development of characters, meaning of words and allusions.

In 1906, 1907, and 1908 the books for detailed study are: Shakespeare's Julius Caesar; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on

Conciliation with America; Macaulay's Essay on Milton and Life of Johnson.

IV. An outline course in the history of England.

German.

I. Grammar and Composition. A thorough knowledge of elementary grammar is required. The candidate should be drilled in pronunciation, inflection, and parsing. Particular attention, also, should be given to written and oral exercises. The grammar of Bierwirth is recommended.

II. Reading. At least 100 pages of elementary German prose and poetry, short stories and ballads; Storm's Immensee.

French.

I. Grammar and Composition. A thorough knowledge of elementary grammar is required. The candidate should be drilled in pronunciation and in writing from dictation. The grammar of Fraser and Squair is recommended.

II. Reading. At least 100 pages of Fontaine's Fleurs de France, or an equivalent.

History.

I. Ancient History to the time of Charlemagne. The Orient, Greece, and Rome; the Teutonic infusion.

II. The History of England and of America.

The student should be drilled in the use of reference books, and some special reports should be required of the classes and of individual members. The following text-books are recommended: West's or Myers' Ancient

History, Larned's histories of England and the United States.

Mathematics.

I. Algebra. Milne's Academic Algebra will suggest the scope of the course required. Special attention should be paid to blackboard and written work.

II. Geometry. The whole of Plane Geometry. Wentworth's Plane Geometry (Revised) will suggest the scope of the course. Special attention should be given to the exercises.

Science.

Applicants for admission to the Department of Science must offer work equivalent to at least 150 recitation periods. Courses in Chemistry and in Physics should each be a year in length; courses in Botany, Zoology, Physiology, Geology, and Physiography can be satisfactorily covered in one-half year. Text-book work, or text-book work supplemented by demonstrations by the teacher will not in themselves satisfy the requirements; there must be individual laboratory work by the pupil. A note-book record should be kept of this work and presented by the applicant, together with a statement by the teacher as to the exact character of the course. This note-book must be presented by every applicant whether coming from an accredited school or not.

Students who do not offer Science for entrance must take courses in the College amounting to a year's work and covering the entrance requirements.

Chemistry.—About half of the year's course should be devoted to laboratory work, and the student's notebook should record not less than 45 experiments per-

formed by himself. Remsen's Introduction to the Study of Chemistry or Newell's Descriptive Chemistry will suggest the scope of the course.

PHYSICS.—About half of the year's course should be devoted to laboratory work, and the student's notebook should record not less than 25 experiments performed by himself. Gage's Elements or Carhart and Chute's Elements or Hoadley's Brief Course will suggest the scope of the course.

PHYSIOLOGY.—A course of not less than 75 periods. Experiments should be made on digestion, respiration, circulation, and the digestive organs, lungs, and heart of some animal should be studied by dissection. A record of the experimentation and other laboratory work, with drawings of the dissections, must be submitted. The text-books recommended are Martin's Human Body and Peabody's Exercises in Anatomy and Physiology.

BOTANY.—A course of not less than 75 periods. The laboratory work should include experiments in plant physiology and a study of the morphology and life history of examples representing the algae, fungi, liverworts, mosses, ferns, and flowering plants. The notebook should contain a record of the experiments and careful drawings of the types studied. The manuals of Bergen, Coulter, and Atkinson will show the scope of the course.

PHYSIOGRAPHY.—A course of not less than 75 periods. Tarr's or Davis's text-books of physical geography will indicate the amount and character of the work required. This should be supplemented by all the field-work possible and by laboratory work in the interpretation of topographic and weather maps, charts, etc. A

record of both laboratory and field-work should be submitted.

Geology.—A course of not less than 75 periods. Norton's Elements, Le Conte's Compend, or Brigham's Geology will indicate the amount and character of the work. As much field and laboratory work as possible should be done, especially in the study of the common minerals and rocks, map drawing, fossils, problems of faulting and folding, etc. A record of both the field and laboratory work performed by the pupil must be presented.

Zoology.—A course of not less than 75 periods covering work as outlined in such a text-book as Jordan, Kellogg and Heath's Animal Studies. The applicant must have studied by dissection and must present drawings of at least six of the following types: a protozoon, a sponge, a coelenterate, an echinoderm, an annelid, a crustacean, an insect, a mollusk, a fish, an amphibian.

GRADUATION AND DEGREES.

A student may graduate in any department or course for a degree of the College of Liberal Arts on the following conditions:

1. That he shall have pursued the studies of that department or course for at least one year and shall have completed in a satisfactory manner all the sudies thereof, or an equivalent.

2. That he shall have observed the rules of the University.

Courses for Degrees.

The College of Liberal Arts offers to undergraduates three courses of study, the Classical Course and the Literary Course, which lead to the degree of Bachelor of Arts; and the Scientific Course, which leads to the degree of Bachelor of Science. Each of these courses extends through four years. They are substantially equivalent in the amount and exactness of the training and instruction afforded, but differ in the character of their training. In each of the courses most of the subjects are required in the first three years. The work of the fourth, or senior, year is largely elective. In addition to the year of science offered for entrance, one year and a half of science is required for any degree. The scientific courses are elective, with the restriction that part of the work must be done in Physics or Chemistry and part in Biology or Geology.

The Classical Course comprises the studies tabulated in Group I below. It requires the study of Greek for two years, and of Latin for one year.

The Literary Course comprises the studies tabulated in Group II below. It differs from the Classical Course in substituting for Greek two years of French and of German.

The Scientific Course, tabulated in Group III, aims to give fundamental training in the natural sciences and in mathematics. As training in language it requires four courses elected from the departments of foreign languages.

For more detailed information than is here given as to the character of work in each course, see under Departments and Courses of Instruction.

REQUIREMENTS FOR DEGREES.

GROUP I.		GROUP II.		GROUP III.	
		First Year.			
Course	Hrs.	Course.	Hrs.	Course.	Hrs.
Greek A	5	French A	4	For. Language	4
Latin A	4	Latin A	4	English A	5
English A	5	English A	5	Mathematics A	5
Science	5	Science	5	Science	5
	19		18		19
		Second Year.			
Greek B	4	German A	3	For. Language	3
English B	3	English B	3	English B	3
Mathematics A	5	Mathematics A	5	Mathematics B	4
History A	3	History A	3	History A	3
Science(½ yr. 5)	2½	Science(½ yr. 5)	2½	Science	5
		Sociology	1		
	17½		17½		18
		Third Year.			
Hist. B or C	3	Hist. B or C	3	Hist. B or C	3
Math. B1 (½ yr. 4)	2	Math. B1 (½ yr. 4)	2	Philosophy A	5
Philosophy A	5	Philosophy A	5	Science	5
*Bib. Hist.	4	*Bib. Hist.	4	Sociology	1
Sociology	1	French B and German B	5	Mathematics C	3
Elective	2			Elective	2
	17		19		19
		Fourth Year.			
Philosophy B	5	Philosophy B	5	Philosophy B	5
Elective	11	Elective	13	For. Language	5
				Science	5
				*Bib. Hist.	4
	16		18		19

ELECTIVE STUDIES—In addition to the required courses indicated above, every student must elect, for the degree of Bachelor of Arts, at least 13 hours; for the degree of Bachelor of Science, at least 2 hours. The 13 hours of elective work must be equivalent to four courses continuing throughout the year. Any course offered in the College of Liberal Arts, not yet taken to satisfy the requirements, and the courses in Hebrew (VII) and Biblical Criticism (IX) in the College of the Bible may be taken as free electives.

---

*One year of Sacred History in the College of the Bible may be substituted for Biblical History.

Honors.

All candidates for baccalaureate degrees that obtain an average for scholarship in the College of Liberal Arts of not less than ninety are designated honor-students. The first honor is awarded to that candidate for graduation whose average for scholarship is, in the judgment of the Faculty, highest among the honor-students that have pursued the same baccalaureate course.

The valedictory is awarded to that candidate for graduation in any of these courses whose average standing is, at the time of the award, highest; the salutatory to that candidate whose average standing is then next to the highest; and the class oration or address to that candidate whose average standing is then third. But neither the first honor, the valedictory, the salutatory, nor the class oration or address can be awarded to a student who will not, at the time of his graduation, be completing at least his second full session of work in the College of Liberal Arts, of which he must, during the last session, have been a matriculate.

Courses for Special Honors.

Special honors are awarded in the different departments of the College of Liberal Arts under the following conditions:

1. Students who desire to study for special honors must obtain permission from the Faculty to undertake such study, before the end of the second week of the session in which the work is to be done.

2. They must complete with a standing of ninety or more all of the courses offered in the department in which they seek special honors, and must take, in addition,

such courses of study and reading, or of investigation, as shall be prescribed by the professor in charge of the department, and approved by the Faculty. They must pass a satisfactory examination on work done and present, if required, a thesis on a subject approved by the professor.

3. No student may continue his work for special honors, if in any department his average grade falls below eighty; nor may be substitute his additional work for any part of the requirements for a baccalaureate degree.

Courses for Masters' Degrees.

A candidate may be admitted to the degree of master of arts or master of science on the following conditions:

1. That he shall, at least one year before, have received the degree of Bachelor of Arts or Bachelor of Science from the College of Liberal Arts, or from an institution of equal grade.

2. That he shall have, as a resident graduate, observed the rules of the University, and completed to the satisfaction of the faculty an additional year of work, amounting to not less than twelve hours of recitation a week, in graduate courses selected from those of the departments whose names follow, of which he has completed the undergraduate courses: Greek, Latin, English, modern languages, history, mathematics, natural science, and philosophy.

Every candidate for a master's degree must obtain an average for scholarship of not less than eighty in every course of study selected for that degree.

Special Courses.

Special courses of graduate studies may be arranged

for matriculates who are qualified to pursue such studies with profit, but who are not candidates for a master's degree.

Examinations.

The last six scholastic days of each term are devoted to the examinations, which begin at 9 o'clock a. m., and continue until every member of the classes under examination has had reasonably sufficient time for answering all the questions.

The examinations are conducted according to the following schedule, in which the classes are designated by the numbers of the hours at which they usually recite:

Friday—The half-past eight o'clock classes.

Monday—The two o'clock classes.

Tuesday—the twelve o'clock classes.

Wednesday—The half-past nine o'clock classes.

Thursday—The eleven o'clock classes.

Friday—The three o'clock classes.

The failure of any student to take any prescribed examination causes him to forfeit his place in the class unless such failure be excused for reasons deemed sufficient by the faculty.

Attendance at the spring examination of any class is optional with every member of the class who is a candidate for graduation that session and who has grades for the second term of not less than ninety each for attendance and scholarship, and a hundred for conduct.

Besides the regular prescribed examinations written tests are given from time to time at the discretion of the professors.

The students of the University have adopted the honor system in examinations and all written tests. The following pledge is signed by each student in each examination and in each written test: "I affirm upon my honor that I have neither received nor given assistance in this examination." The case of any student suspected of cheating is investigated, and, if found guilty, he is asked to withdraw from the college.

Reports.

From the examinations during and at the end of each term estimates of the student's scholarship are made, and reports thereof are sent to his parent or guardian, or are given to the student himself if he is of age. These reports are sent out at the end of each quarter.

In these reports, which contain an estimate of the student's conduct also and a record of his absences, a hundred denotes perfect merit, and seventy-five the lowest that entitles him to regular standing in a class. Every student should merit a hundred for conduct, zero for unexcused absences, and eighty or more, according to his ability, for scholarship.

On the mid-term reports letters are used instead of figures to indicate the student's class standing, their values being as follows: P (perfect) indicates that the grade is 100; E (excellent), from 95 to 99; H (high), from 90 to 94; G (good), from 85 to 89; F (fair), from 80 to 84; U (unsatisfactory), from 75 to 79; D (discreditable), from 0 to 74.

DEPARTMENTS AND COURSES OF INSTRUCTION

DEPARTMENT OF GREEK.

Professor Loos.
Assistant Professor McCartney.

The aim of the instruction during the first years is to train the student toward reading Greek with facility and accuracy. To this end special attention is given to vocabulary, constructions and arrangement of words. The proper pronunciation of the language is insisted upon, and particular attention is paid to the accents.

In all the courses constant stress is laid upon the language, style, thought, and spirit of the author studied. In the reading of poetry, the rythmic structure of the verse is strictly regarded. Comparative philology, etymology, and synonomy receive due attention.

In courses B and C provision is made for the study of the Greek of the New Testament, and most of course D is devoted to the reading of the Septuagint. In these courses instruction is given in the peculiarities of Hellenistic Greek by lectures and by daily illustrations in the class readings. As much attention as possible is given also to exegesis, but no distinctively doctrinal points are touched upon.

COURSE A.

1. **Lysias: five orations; Greek oratory; Athenian judicial procedure. First term, fourteen weeks. 5.**
2. **Herodotus: selections, mainly from books VI and VII; the Ionic dialect. First term, three weeks; second term, three weeks. 5.**

3. Homer: Iliad, books I to III; Odyssey, books VI and VII; the Epic dialect; the dactylic hexameter verse; Greek mythology. Second term, fourteen weeks. 5.
4. Greek prose composition: oral and written exercises. Every Friday for one session.

Prerequisites, the entrance studies in Greek and in Greek history. *Required in group I.*

COURSE B.

1. Xenophon: Memorabilia, selections. First term, ten weeks. 4.
2. Plato: Apology, Crito, Phaedo. First term, seven weeks. 4; second term, six weeks. 3.
3. Thucydides: selections. Second term, ten weeks. 3.
4. Greek New Testament: the Gospel of John. Second term. 1.

Prerequisite, course A. *Required in group I.*

COURSE C.

1. Demosthenes: Selected Olynthiacs and Philippics. First term, eleven weeks. 3.
2. Theocritus: selections. First term, five weeks; second term, three weeks. 3.
3. Sophocles: Antigone. Second term, thirteen weeks. 3.
4. Lectures on Greek drama and Greek prosody. Translations at sight from Greek poets. Second term.

Prerequisite, course B. *Elective.*

COURSE D.

1. Aeschylus: Prometheus Bound. First term, twelve weeks. 3.
2. Septuagint: selections. First term, three weeks; second term, eight weeks. 3.
3. New Testament: selections from the Epistles. Second term, eight weeks. 3.
4. Lectures on Hellenistic Greek. Second term.

Prerequisite, course B. *Elective.*

DEPARTMENT OF LATIN.

Professor Milligan.

Latin is studied (1) as an unexcelled means of intellectual training; (2) for the acquaintance with its literature, which is one of the requisites of modern culture; (3) as a necessary medium through which to form a sympathetic and intelligent acquaintance with the great people in whose history ancient history merges and modern history origniates; (4) as an important factor in the formation of the English language; (5) as the best preliminary to the study of the Romance languages. To secure to the student the advantages that accrue from a diligent and intelligent study of the language, its literature and related subjects is the general object of this department.

The study of works of the best Latin authors is supplemented by that of auxiliary books. Oral translation and drill are varied with written exercises of different kinds on the blackboard and on paper, long passages are occasionally read to the classes, and original investigation and independent reading are aided and encouraged. The immediate object in the first years is to fix in the student's mind a full, exact, and practical knowledge of forms and constructions, to cultivate an acquaintance with the niceties of prose arrangement and the peculiarities of poetic style and metrical structure, and to promote familiarity with ancient modes of thought and expression by often dealing with the language directly, rather than always through the medium of the vernacular. To this end writing Latin, expressive reading of easy passages without translating them, and memorizing of fine passages are required throughout the courses.

The Roman pronunciation is followed, and a careful regard for quantity is enjoined. Due attention is given to questions of geography, history, mythology, and antiquities, and to the relation of Latin to Greek, to English and to the principal Romance languages, matters important in themselves and useful in the formation of correct mental habits. Excellent wall maps and the best necessary books of reference are parts of the equipment of the department. In all the courses the Latin classics are studied as polite literature. The authors of the third year course are arranged with a view to affording, with the aid of collateral reading of a history of Roman Literature, a conspectus of the development of the language and its literature from their beginnings until after they entered on their decline.

COURSE A.

1. Livy: the preface, and books XXI and XXII. First term. 4.
2. Lyric poetry: selected odes and epodes of Horace; comparisons with Catullus. Second term. 4.
3. Latin prose composition after classical models. Every Tuesday.

Prerequisites, the entrance studies in Latin and in Roman history. *Required in groups I and II.*

COURSE B.

1. Horace: selected satires and epistles; the life and times of Horace as read in his writings. First term. 3.
2. Tacitus: the Germania and the Agricola; Rome and her provinces under the emperors. Second term. 3.
3. Writing connected discourse. Alternate Fridays.

Prerequisite, course A. *Elective.*

COURSE C.

1. Early Latin: written exercises in changing early Latin into classical Latin and classical Latin into consistent early Latin. First term, six weeks. 3.
2. Lucretius: books I and V; place of Lucretius in literature and of Rome in philosophy. First term, eleven weeks. 3.
3. Cicero: book I of the Tusculan Disputations and the Somnium Scipionis. Second term, ten weeks. 3.
4. Juvenal: seven satires; Roman life in the first century of the empire. Second term, seven weeks. 3.
5. Writing connected discourse and retroversion of passages translated from Cicero. Alternate Fridays.
6. History of Roman Literature: private reading through the session under the direction of the professor.
7. Occasional conferences on questions of Latin grammar, Roman antiquities, the topography of Rome and the history of the Latin language.

Prerequisite, course B. *Elective.*

DEPARTMENT OF ENGLISH.

Professor Shearin.

Mr. Smith.

The courses offered are designed to give the student: (1) the ability to think methodically, and to present his thought in a clear, strong, and graceful English prose; (2) a general knowledge of English and American literature, and a definite acquaintance with some of its more important phases and periods; (3) a general knowledge of the origin and development of the English language.

Their ultimate aim is to inspire him with a love for English and to inculcate a steadfast method of study

and research, that he may gain both the enthusiasm and the power to build with sureness, independence, and ease upon the foundations already laid.

Since English, in both its language and its literature, is a complex study mirroring the life of a composite race, cognate courses in history, philosophy, sociology, classic and modern languages, and other related branches are encouraged; and when feasible, as indicated below, are demanded.

COURSE A.

1. Rhetoric and Composition: the essentials of good style studied by means of text-book, lectures, practice, and the critical reading of selected modern English prose; daily drill in writing, longer themes every two weeks. Hill's Principles of Rhetoric, Carpenter and Brewster's Modern English Prose. For entrance and credit regulations see course 2, following. One year. 2.
2. English Literature: historical outline of English literature; text-book, lectures, collateral reading, written reports, study of representative works in chronological order. Prerequisites, college entrance studies; English history. Applicants must be enrolled also in course 1, above, or present credits therefor. *Required for graduation, and should be taken in the freshman year.* No credit will be given for less than the full year's course. One year. 3.

COURSE B.

1. The Elizabethan Drama: outline of the rise of the drama, given in lectures, with readings of early specimens; study of seven plays selected from the works of Marlowe, Shakespeare, and Jonson. Prerequisite, course A, complete. *Required for graduation, and should be taken in the sophomore year.* First term. 3.

2. American Literature: historical outline of literature in America; text-book, lectures, collateral reading, written reports, study of representative works in chronological order. Prerequisite, course A, complete. *Required for graduation, and should be taken in the sophomore year.* Second term. 3.

COURSE C.

1. The Epic: study of Spenser's Faerie Queene and Milton's Paradise Lost; collateral reading of Dante's Divine Comedy and Tennyson's Idylls of the King. Prerequisite, courses A and B. *Elective.* First term. 3.
2. Tennyson and Browning: studied in their relation to the life and literature of the Victorian period. Prerequisite, courses A and B. *Elective.* Second term. 3.
3. The Romantic Movement, 1789-1830: studies in the nature poets and the literature of the Revolution; Burns, Wordsworth, Coleridge, Byron, Keats, Shelley Prerequisite, courses A and B. *Elective.* Second term. 3. [Omitted in 1907.]

COURSE D.

1. Old English: grammar, translation of selected prose and poetry, including the Christ of Cynewulf. Prerequisites, courses A and B, and one year of German. *Elective.* First term, fifteen weeks. 3.
2. Middle English: selected prose and poetry from the eleventh to the fourteenth century, including Chaucer. Continuation of D1. First term, four weeks; second term, eight weeks. 3.
3. History of the English Language: an outline course, embracing the phonology, accidence, and syntactic development of the language. Continuation of D2. Second term, ten weeks. 3.

COURSE E.

1. Theory of Poetry: a study of representative masters

of criticism from Aristotle to Matthew Arnold. Prerequisite, courses A and B. *Elective.* First term. 3. [Omitted in 1906-'07.]

2. The Development of the English Novel: a study, historical and critical, of ten selected novels. Prerequisite, courses A and B. *Elective.* Second term. 3. [Omitted in 1907.]

DEPARTMENT OF MODERN LANGUAGES.

Professor Zembrod.

Courses are offered in French and in German. The object is to enable the student to translate, write and pronounce classic and modern French and German with ease and fluency. As often as practical, exercises are given whereby a good speaking knowledge of these languages may be acquired. Much attention is paid to pronunciation, inflection, and composition in connection with every course. In the more advanced classes, papers treating of the life and works of the leading French and German authors, as well as of French and German literature in general, are read and discussed.

FRENCH.

COURSE A.

1. Fraser and Squair's French Grammar. The session.
2. Lamartine's Graziella. First term, nine weeks. 3.
3. Loti's Ramuntcho. First term, nine weeks. 3.
4. Bowen's French Lyrics. Second term, nine weeks. 3.
5. Francois Coppee's Le Luthier de Cremone and Le Tresor; Victor Hugo's Hernani. Second term, nine weeks. 3.

Prerequisite, the entrance requirements in French. *Required in groups II and III.*

COURSE B.

[For 1906 and 1907.]

1. Racine's Iphigenie. First term, twelve weeks. 2.
2. Racine's Andromaque. First term, seven weeks; second term, six weeks. 2.
3. Corneille's Le Cid. Second term, twelve weeks. 2.
4. Victor Hugo's Ruy Blas. Second term, seven weeks. 2.

[For 1907 and 1908.]

1. Modern French Drama: Rostand's Plays.

Prerequisite, course A. *Required in groups II and III.*

GERMAN.

COURSE A.

1. Bierwirth's German Grammar completed; Baumbach's Fairy Tales; German poetry; Eichendorff's Aus dem Leben eines Taugenichts. First term, thirteen weeks. 3.
2. Bernhardt's Novelletten Bibliothek. First term, six weeks; second term, six weeks. 3.
3. Schiller's Wilhelm Tell. Second term, eleven weeks. 3.
4. Keller's Bilder aus der deutschen Litteratur. The session.
5. German Composition. The session.

Prerequisite, the entrance requirements in German. *Required in groups II and III.*

COURSE B.

1. Schiller's Maria Stuart. First term, ten weeks. 3.
2. Lessing's Minna von Barnhelm. First term, nine weeks. 3.
3. Goethe's Egmont. Second term, nine weeks. 3.
4. Lessing's Nathan der Weise. Second term, nine weeks. 3.

Prerequisite, course A. *Required in groups II and III.*

DEPARTMENT OF HISTORY.

Professor Myers.

Candidates for admission to the courses in history should bring certified statements of their preparatory work. It is expected that they will have completed the history offered in the Preparatory School, or its equivalent.

The work in all the courses is carried on by means of text-books, outlines, and library references. The student is trained especially in the use of books, and frequent individual reports are required.

COURSE A.

European History from the fourth to the nineteenth century. Beginning with the Roman Empire, it includes the barbarian invasion; the principal institutions of the middle ages, such as the Church and Feudalism; the struggle between the Papacy and the Empire; the rise of the cities, and the changing social and economic conditions; the character of medieval thought and education; a general view of the Renaissance, the Reformation, the succeeding religious and political wars, and of the forces back of the development of the various modern states. The course is continuous, and is given as follows:

1. European History from the fourth to the sixteenth century. Open to sophomores, juniors, and seniors, and to freshmen if they can satisfy the instructor that their preparation has been adequate. First term. 3.
2. European History from the sixteenth to the nineteenth century. Open to students who have completed A1. Second term. 3.

Required for graduation.

COURSE B.

1. History of the Reformation: a study of the antecedents of protestantism, of its rise and spirit. The course aims to give the political and economic phases of the movement, as well as the religious. First term. 3.
2. The French Revolution and Napoleonic wars: this course deals with the economic, intellectual, social, and political conditions in France during the eighteenth century; with the relations between France and other nations; and with both the French and the European aspects of the Napoleonic era. Second term. 3.

Prerequisite, course A. *Course B is required unless course C is taken.*

COURSE C.

This course begins with the Anglo-Saxon conquest, and follows the political development of England down to recent times. It gives also a general view of the social and economic development. It is intended to be helpful to the students of English literature. The course is continuous, and is given as follows:

1. English History to the beginning of the Reformation. First term. 3.
2. English History to the reign of Edward VII. Second term. 3.

Prerequisite, course A. *Required unless course B is taken.* [Courses B and C are not offered in the same year.]

COURSE D.

American History: a survey of the early conditions in North America, followed by a closer study of the development and of the forces which led to their union and to the creation of a federal government; a study of the rise of political parties and of the principles for which they have stood; of the actual workings of our gov-

ernment national, state, and municipal; and of our economic progress and expansion.

1. American History to the time of the Revolution. First term. 3.
2. American History to the present time. Second term. 3.

Prerequisite, course A. *Elective.*

DEPARTMENT OF BIBLICAL HISTORY AND LITERATURE.

Professor Jenkins.

The studies of this school are intended to lead to such general knowledge of the Bible as is requisite in a liberal education. It is more and more coming to be understood that no education is complete without a knowledge of the masterpieces of literature contained in the English Bible. The epic and dramatic poetry of the Old Testament, the movement of Semitic history, and the profound and eloquent utterances of the prophets of Israel have influenced human thought and literature in a way that justifies their study in college classrooms, side by side with the histories and the epic and dramatic poems of the Greek and Roman peoples; while the Sermon on the Mount, the parables and other words of Jesus, together with the great letters of St. Paul, have left their indelible impression upon literature and life. No education is well rounded which ignores literature and history like these. No student passes through Kentucky University who does not obtain at least an elementary knowledge of this most important book in all literature.

1. **Old Testament History and Literature. First term. 4.**

2. New Testament History and Literature. Second term. 4.

Required for graduation.

Text-Books.—The revised version of the Old and New Testaments; Maclear's Class Books of Old and New Testament History.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY.

Professor Lloyd.

There are two well recognized purposes for which the study of mathematics may be pursued, professional use and mental culture; but the latter of these alone justifies placing the science in the curriculum of a college of liberal arts. The chief aim, therefore, in this school is to aid the development of powers and habits of mind which every educated person should possess. Among these may be mentioned sustained, independent reasoning upon questions of a complex character, and the formation of clear and exact notions of things of the most abstruse nature.

The student is taught to regard the recitation room as a laboratory of practical logic. He learns by doing, but he is brought to realize that successful effort in the domain of the reason can only follow correct and distinct concepts with which the reasoning is concerned.

It is hoped that the courses offered are sufficient to make the student not only independent of the teacher in reading mathematics along the usual lines, but capable also of vigorous thinking on any subject which may engage his attention.

MATHEMATICS.

COURSE A.

1. Geometry, solid and spherical; exercises. First term, fifteen weeks. 5.
2. Plane Trigonometry. First term, four weeks; second term, six weeks. 5.
3. Spherical Trigonometry. Second term, four weeks. 5.
4. College Algebra. Second term, four weeks. 5.

Prerequisite, the entrance requirements in mathematics. *Required for graduation.*

COURSE B.

1. College Algebra completed. First term. 4.
2. Plane Analytic Geometry. Second term. 4.

Prerequisite, course A. *In groups I and II, BI is required, and B2 elective. In group III, BI and B2 are required.*

COURSE C.

1. Differential Calculus. First term. 3.
2. Integral Calculus. Second term. 3.

Prerequisite, course B. *Elective in groups I and II, required in group III.*

ASTRONOMY.

1. Elementary course based on Young's Elements, with lectures and the use of the sextant and equatorial telescope. The session. 2.

Prerequisites, Mathematics A and Physics. *Elective.*

DEPARTMENT OF NATURAL SCIENCE.

Professor Fairhurst.
Assistant Professor Porter.

In this department the aim is to enable the student to acquire, as far as possible in the time allotted, both a

practical and a theoretical knowledge of the branches taught.

The laboratory methods are used as far as practicable, and students are thrown largely upon their own resources. The chemical laboratory will accommodate fifty students. Laboratories for practical work in physics and in biology have been suitably furnished. A good deal of practical work is done in geology and mineralogy.

One year of science (150 periods) is required for entrance and one and a half years in college, making a total of two and a half years of science, which must be completed for the degree of Bachelor of Arts. Of these two and a half years, not less than one year must be taken in the subjects of Chemistry and Physics, and not less than one year in the subjects of Zoology, Botany, Physiology, Physiography, and Geology. At present students who have not had the amount of science required for entrance may make up their conditions in the courses taught in the college.

PHYSICS AND CHEMISTRY.

Professor Fairhurst.

COURSE A.

1. Physics: Molar Dynamics—force and momentum, measurement of force, Newton's laws of motion, machines, the pendulum, gravitation, properties of matter, dynamics of fluids, atmospheric pressure. Molecular Dynamics—heat, thermometry, calorimetry, methods of producing cold artificially. Sound—musical instruments. Ether Dynamics—light, reflection of light, refraction, analysis of light, optical instruments. Electrostatics, electrical machines. Electrokinetics, voltaic batteries, storage batteries, magnetism, resistance of conductors,

telegraphy, telephony. Three hours' class work and two hours' laboratory work a week during the session. 5.

Course A is open to students that have completed the entrance studies in mathematics.

COURSE B.

1. General Chemistry: the physical and chemical properties of the principal non-metals and metals. Each student works in the laboratory from the first, and makes a written record of his work. A general knowledge of the laws of chemistry and of the methods of performing the simpler kinds of chemical experiments is acquired. Three hours' class work and two hours' laboratory work a week during the session. 5.

COURSE C.

1. Qualitative Analysis: the methods of separating and identifying the various elements and their compounds. Work in the laboratory and class, five hours a week during the session.

COURSE D.

1. Quantitative Analysis and Organic Chemistry. Each one-half session, five hours a week.

BIOLOGY AND GEOLOGY.

Assistant Professor Porter.

COURSE E.

1. Anatomy, Physiology, and Hygiene: text-book supplemented by demonstrations, practical exercises in the laboratory, and the microscopical examination of prepared tissues. First term. 5.
2. Geology: physiographic, structural, dynamical, and historical. Laboratory work on the common rocks and minerals, identification of fossils, map and sec-

tion drawing. Several excursions required. Second term. 5.

COURSE F.

1. Zoology: animal structure and the relation of animals to their surroundings. Laboratory work with the compound microscope and the dissection of representative types, such as hydra, star-fish, fresh-water clam, crayfish, grasshopper and frog. First term. 5.
2. Botany: life processes of plants, structure of plants and functions of parts, life history, study of types of the larger groups—algae, fungi, liverworts, mosses, ferns, seed-plants. Laboratory work includes experiments, work with compound microscope, drawing and classification. Second term. 5.

DEPARTMENT OF PHILOSOPHY.

Professor Jefferson.

The courses of study in this department are intended to aid students in acquiring such accurate and systematic knowledge of the elements and principles of logic, psychology, ethics, economics, and sociology, and of the fundamental problems and principles of philosophy, as will both secure the greatest immediate practical benefit to be derived from these studies and furnish also the best preparation for further philosophical pursuits.

Of the following courses, course A is designed especially for junior students, course B for senior students, and course C for students who have taken courses A and B, or their equivalents. Other students, however, who are prepared to do so may take any one of the three courses.

COURSE A.

1. Logic. First term. 5.
2. Psychology. Second term. 5.

Required for graduation.

COURSE B.

1. Economics. First term. 5.
2. Ethics. Second term. 5.

Required for graduation.

COURSE C.

1. History of Philosophy. One session. 3. *Elective.*

COURSE D.

Professor Jenkins.

1. Sociology. One session. 1.

This course consists of lectures on the problems of modern society. Charity, labor, liquor legislation, marriage and divorce, and kindred topics will be treated. Subjects for original investigation and parallel reading will be assigned.

Required for all baccalaureate degrees.

ORDER OF RECITATIONS.

Hour	MONDAY.	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY.
8:30	German B Philosophy A Science C and E	English B French B Mathematics B Philosophy A Science C and E	English B German B Mathematics B Philosophy A Science C and E	French B Mathematics B Philosophy A Science C and E	English B German B Mathematics B Philosophy A Science C and E
9:30	Greek A Greek B Latin B English A (1) Mathematics A (1) Science B Philosophy C	Greek A Greek D English A Mathematics A Science B Philosophy C	Greek A Greek B Latin B English A Mathematics A Science B Philosophy C	Greek A Greek B English A Mathematics A Science B Philosophy C	Greek A Greek B Latin B English A Mathematics A Science B Philosophy C
10:30	Chapel	Chapel	Chapel	Chapel	Chapel
11	Latin A History C Biblical History Science A and F	Greek C Latin A English C Biblical History Science A and F	Greek D History C Sociology Science A and F	Greek C Latin A English C Biblical History Science A and F	Greek C Latin A English C History C Biblical History Science A and F
12	Latin C English A (2) History B Mathematics C Astronomy	English A German A Astronomy	Latin C English A History B Mathematics C Astronomy	Greek D English A German A Astronomy	Latin C English A German A History B Mathematics C
2	English D French A Mathematics A (2	French A Mathematics A	English D French A Mathematics A	English D French A Mathematics A	Mathematics A
3	History A Philosophy B	Philosophy B	History A Philosophy B	History A Philosophy B	Philosophy B

COLLEGE OF THE BIBLE

BOARD OF TRUSTEES.

James L. Neal ..... Harrodsburg
Alfred Fairhurst ..... Lexington
John T. Vance ..... Lexington
Mark Collis ..... Lexington
Benjamin M. Arnett ..... Nicholasville
William O. Sweeny ..... Lexington
Wilson J. Thomas ..... Shelbyville
John S. Shouse ..... Lexington
Isaac N. Williams ..... Lexington
William F. Smith ..... Morehead
Francis M. Rains ..... Cincinnati, O.
Frank P. James ..... Harrodsburg
Judge W. T. Lafferty ..... Cynthiana
W. Newton Briney ..... Louisville
Henry C. Garrison ..... Danville

OFFICERS OF THE BOARD.

Mark Collis, *Ch'n,* William F. Smith, *Sec,y,*
John T. Vance, *Treasurer.*

EXECUTIVE COMMITTEE.

Isaac N. Williams, *Ch'n,* John S. Shouse, *Sec'y,*
William F. Smith, Mark Collis,
William O. Sweeny.

FACULTY.

John William McGarvey, A. M., LL. D., President.
Isaiah Boone Grubbs, A. M.
Benjamin Cassel Deweese, A. M.
Samuel Mitchell Jefferson, A. M., LL. D.
Hall Laurie Calhoun, Ph. D.
William Charles Morro, Ph. D.

GENERAL DESIGN OF THE COLLEGE.

The design of the institution is to prepare young men for usefulness in the Church, by furnishing them with systematic instruction in the Word of God in both the English version and the original tongues; and with an accurate knowledge of those kindred branches which are necessary to efficiency in the Christian ministry. While its courses of study are especially adapted to those who intend to be preachers of the Gospel its classes are open to all religious young men and women who wish to extend their knowledge of the Scriptures. Students are received in all stages of advancement, from those who have acquired only a common school education to those who have received literary degrees. The former have the privilege of pursuing classical and scientific studies in the sister College of Liberal Arts *pari passu* with those in the College of the Bible; and experience teaches that this is the better way in which to master both.

COURSES OF INSTRUCTION.

I. Sacred History.

THE FRESHMAN CLASS.

Professor McGarvey.

First Term—Genesis, Exodus, Leviticus.

Second Term—The Pentateuch completed, Joshua, Judges, Ruth, Job.

During this year, in addition to the history found in these books, the law of Moses is set forth systematically, its statutes, both civil and religious, being properly classified according to the method employed in modern statute books. All these are studied with reference to the time, place, and other circumstances of their enactment. The knowledge thus acquired is indispensable to the proper understanding of many passages in the later books of the Bible, and it enables the student to compare intelligently the statutes given to Israel with those of other states, and to distinguish clearly the Mosaic from the Christian dispensation.

THE SOPHOMORE CLASS.

Professor Morro.

First Term—First and Second Samuel; First and Second Kings to the close of Solomon's Reign; Historical View of the Psalms.

Second Term—The other Historical Books of the Old Testament, with a Historical view of the Books of the Prophets, followed by a brief sketch of Jewish History between the close of the Old Testament and the opening of the New.

The studies of this year cover a much neglected but exceedingly important portion of sacred history. No

other part of the Bible furnishes so many illustrations of the divine government, and of the practical working of sin and redemption. It should be well understood by preachers for the additional reason, that it is the field of a large amount of the controversy now in progress between belief and unbelief. The sketch at the close of the year brings the student forward to the culmination of the old dispensation and prepares him for a better understanding of the new.

The freshman and sophomore classes are required to memorize the facts, and in some instances the words of the text.

THE JUNIOR CLASS.

Professor Morro.

First Term—The Gospels of Matthew and Mark.

Second Term—The Gospels of Luke and John, and the Chronology of all the Gospels.

The members of this class are required to memorize the text, except in a few places, so that they may always have it at easy command. They study the matter and structure of every gospel separately, so as to know it as a book, and then by means of a review they arrange the facts in their chronological order so far as this can be clearly ascertained.

THE SENIOR CLASS.

Professor Deweese.

Acts of Apostles; historical study of the epistles; later apostolic history and Christian Missions.

This class studies the progress of the church throughout the apostolic age; the controversial questions which have arisen in connection with this history, the his-

torical matter to be gleaned from the Epistles and the Apocalypse; and the history of Missions.

Text-Book—Throughout the courses in Sacred History the American Standard Edition of the Revised English Bible is the text-book.

Books of Reference—The works of Josephus, a Biblical atlas, McGarvey's Lands of the Bible, Rawlinson's Ancient Monarchies and the Encyclopedias.

The history is also copiously illustrated by stereopticon views of places in Bible lands as they now appear.

II. Ancient Civil History.

ONE YEAR.

Professor Calhoun.

This course treats of Egyptian, Assyrian, Babylonian, Persian, Greek and Roman History, with special reference to the connection between these and that of the Hebrews. It runs parallel with the whole course of Sacred History, and is intended to enable the student to see the latter as a part of the general history of mankind. In addition to lectures and assigned study of the text-book, the work includes collateral reading and frequent written reports on prescribed subjects. The course is copiously illustrated with lantern slides.

Text-Book—Myers' Ancient History.

III. Christian Doctrine and Church Polity.

ONE-HALF YEAR.

Professor Grubbs.
Professor Morro.

The text-book in this course is Scheme of Redemp-

tion by Robert Milligan, the first president of this college. Parts are omitted because embraced in other courses, and instead thereof important oral instruction is given. It more nearly approaches the subject usually styled systematic theology than any other course in this college, but it differs from that branch in adhering strictly to scripture teaching, and discarding all philosophical speculation.

IV. Church History.

ONE-HALF YEAR.

Professor Grubbs.

Professor Morro.

It being impossible within the limits of a college course to impart a thorough knowledge of this vast and ever growing subject, only those historical facts are set forth, and those phases of teaching that every preacher should be acquainted with in the beginning of his ministry. The rest are left as studies of a lifetime.

V. Hermeneutics and Exegesis.

ONE YEAR.

Professor Grubbs.

Professor Deweese.

The principles of the science are first carefully unfolded, and the rest of the year is devoted to their practical application in the exegesis of some of the more important epistles. The purpose of the course is to impart to the student some experience and skill in

exegesis and at the same time a thorough knowledge of the epistles which are expounded.

VI. Homiletics, and Worship and Work of the Church.

Professor Jefferson.

This course embraces a careful study of the perparation and delivery of sermons, with practical exercises in the same; also instruction in the other functions of the Christian ministry, and in the worship and work of the church.

Homiletics. First term.
Worship and Work of the Church. Second term.

VII. Hebrew Language and Literature.

ONE YEAR.

Professor Calhoun.

The class meets daily and does the same amount of work which classes do that continue the study for two years but meet only two or three times per week. The freshest and most approved methods of instruction are employed, and such knowledge of the language is imparted as enables the student to prosecute further study of it without aid from the living teacher. The growing importance of a knowledge of Hebrew is fully appreciated by the college. Constant effort is made to increase the number of students who take this course.

VIII. School of Philosophy.

Professor Jefferson.

The courses of study in this department are intended to aid students in acquiring such accurate and systematic knowledge of the elements and principles of logic, pyschology, ethics, civics, economics, and sociology, and of the fundamental problems and principles of philosophy, as will both secure the greatest immediate practical benefit to be derived from these studies, and furnish also the best preparation for further philosophical pursuits.

The studies for the first and second years are required for baccalaureate degrees; those of the third are elective.

FIRST YEAR.

Logic. First term.
Psychology. Second term.

SECOND YEAR.

Economics. First term.
Ethics. Second term.

THIRD YEAR.

History of Philosophy. One session.

Text-Books—Creighton's Logic; Baldwin's Psychology; Seager's Economics; Mackenzie's Ethics; Weber's History of Philosophy.

IX. Biblical Criticism.

ONE YEAR.

Professor Deweese.

In this course the history and present condition of

the New Testament text are exhibited; the several books of this Testament are traced back to their authors, and the evidence of the credibility and the inspiration of these books is considered. The same features of the Old Testament are then treated, and throughout the course the positions and arguments of modern destructive critics are set forth and their merits discussed.

X. Hellenistic Greek.

TWO YEARS.

Professor Loos.

Lectures on the history and character of the Septuagint and New Testament dialect; its peculiarities of diction explained. Exegetical studies in the Septuagint, the New Testament, and the Apostolic Fathers.

XI. Public Speaking and Reading.

Professor Calhoun.

In this department two classes are formed each year. The first class, during the first term, is taught the fundamental principles of the science of expression. Especial care is taken to see that each pupil understands the law governing the action of his own mind in getting impressions and in revealing them. These laws embrace the essential principles of both psychology and interpretation. A not inapt designation for this term's work would be Applied Psychology and Exegesis.

During the second term the pupils are drilled in the

art of expression, both vocal and pantomimic. They are made to apply the principles taught them during the first term. This class meets three times a week.

The second class is for those who have had the first year's work. The pupils in this class study the history of hymnology, the structure and classification of hymns, the classification of Scripture readings and the general principles by means of which any literary production may be classified. Much practice is given in speaking and reading different kinds of literature. This class meets twice a week.

ORDER OF RECITATIONS.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8:30	Fresh. Sacred Hist. Junior Philosophy Hebrew	Fresh. Sacred Hist. Junior Philosophy Hebrew English B	Fresh. Sacred Hist. Junior Philosophy Hebrew English B Greek B	Fresh. Sacred Hist. Junior Philosophy Hebrew English B	Fresh. Sacred Hist. Junior Philosophy Hebrew
9:30	Soph. Sacred Hist. Sen. Sac. Hist. and Missions English A (1)	Soph. Sacred Hist. Sen. Sac. Hist. and Missions English A (1) Greek D	Soph. Sacred Hist. Sen. Sac. Hist. and Missions. English A (1)	Soph. Sacred Hist. Sen Sac. Hist. and Missions. English A (1)	Soph. Sacred Hist. Sen. Sac. Hist. and Missions English A (1) Greek A
10:30	Chapel	Chapel	Chapel	Chapel	Chapel
11	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and F	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and F	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and F Greek D	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and F	Biblical Criticism Christian Doctrine and Church Polity Church History Nat. Science A and F
12	Jun Sacred History Ancient Civil Hist. English A (2)	Jun. Sacred History Ancient Civil Hist. English A (2)	Jun. Sacred History Ancient Civil Hist. English A (2)	Jun. Sacred History Ancient Civil Hist. English A (2) Greek B	Jun. Sacred History Ancient Civil Hist. English A (2)
2		Hom., Worship and Work of the Church	Hom., Worship and Work of the Church	Hom., Worship and Work of the Church	Hom. Worship and Work of the Church
3	Hermeneutics and Exegesis Senior Philosophy Public Speaking and Reading (1)	Hermeneutics and Exegesis Senior Philosophy Public Speaking and Reading (2)	Hermeneutics and Exegesis Senior Philosophy Public Speaking and Reading (1)	Hermeneutics and Exegesis Senior Philosophy Public Speaking and Reading (2)	Hermeneutics and Exegesis Senior Philosophy Public Speaking and Reading (1)

GRADUATE COURSES.

I. Advanced Reading in Hebrew.

ONE YEAR.

Professor Calhoun.

II. Historical and Exegetical Study of the Hebrew Prophets.

ONE YEAR.

Professor McGarvey.

III. Studies in Epistles in Greek.

ONE YEAR.

Professor Deweese.

ORDER OF COURSES.

FOR GRADUATES OF OTHER COLLEGES.

First Year—Freshman sacred history; sophomore sacred history; Christian doctrine and the church polity; church history; Hellenistic Greek.

Second Year—Junior sacred history; senior sacred history and missions; Hebrew; Hellenistic Greek; elocution.

Third Year—Homiletics; hermeneutics and exegesis; Biblical criticism.

FOR UNDERGRADUATES.

First Year—Freshman sacred history; civil history; English; mathematics; vocal music.

Second Year—Sophomore sacred history; Christian doctrine and church polity; church history; English and natural science; elocution.

Third Year—Junior sacred history; hermeneutics and exegesis; junior philosophy.

Fourth Year—Senior sacred history and missions; homiletics; senior philosophy; Biblical criticism.

FOR MORE ADVANCED UNDERGRADUATES.

First Year—Freshman sacred history; sophomore sacred history; civil history; Christian doctrine and church polity; church history; vocal music; elocution.

Second Year—Junior sacred history; senior sacred history and missions; hermeneutics and exegesis; junior philosophy.

Third Year—Homiletics; senior philosophy; Biblical criticism.

Students are required to attend not less than fifteen recitations a week and not more than twenty.

FOR CANDIDATES FOR THE CLASSICAL DEGREE.

In case of students pursuing the full classical course the preceding schedule is so modified as to enable them to take Bible studies and classical studies at the same time. This is wiser than to take either alone.

CONDITIONS OF GRADUATION.

The college confers no degrees; but it grants two diplomas, representing respectively the classical course and the English course.

In order to receive the diploma for the classical course, the candidate must have received the regular degree of bachelor of arts from Kentucky University, or from an institution of like grade, and he must have completed in a satisfactory manner courses I to XI mentioned above.

In order to receive the diploma for the English course, he must have completed Algebra and Plane Geometry, the first year of natural science in the College of Liberal Arts, and the first two years of the Eng-

lish language and literature in the same, or their equivalents, and all the undergraduate courses mentioned above, with the exception of courses VII and X.

It is further required in order to graduation in either the classical or the English course, that the candidate shall have attained in every class a grade in scholarship of seventy-five on a scale of one hundred; and that he shall have a good standing in Christian character.

A graduation fee of $5 is required.

EXAMINATIONS AND REPORTS.

Oral recitations are required in all classes, and after every recitation by a student a number is set opposite his name indicating the professor's estimate of his exercise. At the close of every term, or oftener, at the discretion of the professor, written examinations are required, and the professor's estimate of these is recorded.

The average grade of the oral recitations and of the written examinations for a term is balanced, and the result is the student's grade for the term, a report is then submitted to the student, showing his grade, and also showing the degree of his punctuality in attending recitations and chapel exercises, and the faculty's estimate of his general conduct.

CONDITIONS OF MATRICULATION.

The applicant for matriculation must be not less than sixteen years of age. He must present satisfactory evidence of good standing as a Christian, a letter of commendation from the church of which he is a member being preferred. He must also be prepared to enter the freshman slasses in English, mathematics, and natural science in the College of Liberal Arts, or

to make up his deficiency under teachers in the Preparatory School. The last requirement is relaxed in the case of men who have already been engaged in preaching with the approval of their congregations, and who desire to take work only in selected studies for which they are prepared.

Students are received at any time; but it is very important that they enter at the beginning of the session. Matriculates in either college can enter classes in the other without additional fees; but every student must matriculate in the college in which he selects the majority of his studies.

DISCIPLINE.

Students are required to conduct themselves with strict Christian propriety at all times and in all places. Any failure in this particular which becomes known to the faculty, is followed by due admonition, and, if thought needful, by dismission from the college.

No student is permitted to make appointments for preaching without authority from the congregation of which he is a member, and the permission of the faculty; nor is any one ordinarily permitted to have more than two regular preaching appointments per month, except seniors in the last half of their senior year.

Athletic sports for the preservation of health are encouraged, but students of this college are not permitted to engage in inter-collegiate contests, either athletic or oratorical.

LITERARY SOCIETIES.

The two literary societies, styled respectively the Philothean and the Phileusebian, have proved themselves very useful auxiliaries in the work of practical

education; and they have acquired an enviable reputation for the excellence of their exercises, both public and private. They are supplied in the college edifice with large and beautiful halls, which are furnished in good style.

ACCOMMODATIONS AND EXPENSES.

The college edifice contains six large recitation rooms, two society halls, a chapel 63 feet in length by 36 in width, and a library and reading room 60 feet by 30. The latter is open throughout the day, and a librarian is in constant attendance. The building is lighted by gas and heated by furnaces. The latter are so constructed as to afford excellent ventilation.

The library has an endowment of $5,000, the annual proceeds of which are devoted to its support and enlargement.

The gymnasium of the University, erected and furnished at a cost of more than $10,000, is open to all students of the College of the Bible. Regular exercise and bathing, under the supervision of the director, is the best preservative of health and strength.

The college has the permanent use of three brick boarding halls on the University campus, capable of accommodating one hundred students. These are occupied by the Adelphian Boarding Club, which is organized for self-government, under the oversight of the faculty. The members elect their own officers, subject to the approval of the faculty, fix their own bill of fare, and purchase, through their steward, their own supplies. By skillful management, the result of long experience, they have reduced

the cost of living to a minimum, yet they have all that is necessary to comfort and good health.

All occupants of these halls who become seriously ill are taken to the Good Samaritan Hospital, in which the college has a room, and where they are under the care of trained nurses and a physician of their own choice.

No room in the boarding halls can be engaged, except conditionally, by a new student in advance of matriculation; nor can an old student hold unoccupied a room which he may have engaged, longer than the second day of the session, except by agreement of the professor having charge of the dormitory.

Permission to occupy a room is granted only by this professor, and no exchange of rooms is permitted without his consent. Matriculates of the College of the Bible have preference in the assignment of rooms, but rooms not needed by them may be assigned to other students. An occupant may be deprived of his room at any time for immoral conduct, or for neglect of cleanliness and good order.

Necessary expenses for the entire year may be set down as follows:

By action of the Board of Trustees, at a meeting held June 11, 1906, the fee for tuition in the COLLEGE OF THE BIBLE was increased to $30.00 for a session; $16.00 for each term, if payment is made by the term. The statements on pages 32 and 93 of this catalogue regarding tuition fees of students having classes in the College of the Bible, should be corrected to read in accordance with the resolution of the Board.

education; and they have acquired an enviable reputation for the excellence of their exercises, both public and private. They are supplied in the college edifice with large and beautiful halls, which are furnished in good style.

ACCOMMODATIONS AND EXPENSES.

The college edifice contains six large recitation rooms, two society halls, a chapel 63 feet in length by 36 in width, and a library and reading room 60 feet by 30. The latter is open throughout the day, and a librarian is in constant attendance. The building is lighted by gas and heated by furnaces. The latter are so constructed as to afford excellent ventilation.

The library has an endowment of $5,000, the annual proceeds of which are devoted to its support and enlargement.

The gymnasium of the University, erected and furnished at a cost of more than $10,000, is open to all students of the College of the Bible. Regular exercise and bathing under [illegible]

[illegible]

[illegible] experience, they have reduced

the cost of living to a minimum, yet they have all that is necessary to comfort and good health.

All occupants of these halls who become seriously ill are taken to the Good Samaritan Hospital, in which the college has a room, and where they are under the care of trained nurses and a physician of their own choice.

No room in the boarding halls can be engaged, except conditionally, by a new student in advance of matriculation; nor can an old student hold unoccupied a room which he may have engaged, longer than the second day of the session, except by agreement of the professor having charge of the dormitory.

Permission to occupy a room is granted only by this professor, and no exchange of rooms is permitted without his consent. Matriculates of the College of the Bible have preference in the assignment of rooms, but rooms not needed by them may be assigned to other students. An occupant may be deprived of his room at any time for immoral conduct, or for neglect of cleanliness and good order.

Necessary expenses for the entire year may be set down as follows:

Tuition—By the session, $20.00; if payment is made by the term, $11 for each term.

Room in boarding hall, with fuel for the session, $16. All fees are required in advance, and no fee will be refunded.

Meals in boarding hall, weekly in advance, $1.50 to $1.75.

Books, stationery, lights, and washing, estimated $25.00.

Some of the rooms are furnished by the College; the

rest by the occupants. In the latter case a new occupant buys the interest of his predecessor.

Boarding in private families from $3.50 to $4.00 per week.

Married students can always find cottages or rooms to rent at a moderate price.

Students who rent rooms in the city have the privilege of taking their meals with the club.

Some students of limited means find employment in various kinds of manual labor by which they defray a part of their expenses; but opportunities for remunerative labor are few in proportion to the demand for it, and no new student should look to this resource during his first session.

The Kentucky Christian Education Society and the Garth Education Society, organizations independent of the College, supplement the means of a limited number of students, but usually restrict their aid to such as have proved themselves worthy and promising by the work of at least one year in the College.

Many students who have had the experience in preaching receive calls from accessible churches with compensation sufficient for a large part of their expenses, but no student should depend on this for support during his first year.

DIRECTIONS TO STUDENTS.

A new student on reaching the railway station should leave his trunk and repair at once to the office of the President in the Bible College building, that he may receive information as to a place of boarding. If he arrives in the night, he should thus present himself the next morning.

COLLEGE OF LAW

BURRIS ATKINS JENKINS, A. M., D. D.,
President of the University and Presiding Officer.

FACULTY.

LYMAN CHALKLEY, B. L.,
Dean and Professor of the Common and Statute Law.

GEORGE R. HUNT, B. L.,
Professor of Law.

BUTLER T. SOUTHGATE,
Professor of Law.

GEORGE S. SHANKLIN,
Professor of Law.

CHARLES KERR,
Professor of Law.

JOHN T. SHELBY, A. M., LL. D.
Lecturer.

JOHN R. ALLEN, LL. B.,
Lecturer.

JUDGE JERE R. MORTON, LL. B.,
Lecturer.

JUDGE J. H. HAZELRIGG, LL. D.,
Lecturer.

CHARLES J. BRONSTON, LL. D.,
Lecturer.

JUDGE MATHEW WALTON,
Lecturer.

PROFESSIONAL TRAINING.

None of the learned professions demands to-day more emphatically that the student shall be guided and trained in his labors of preparation by competent and skillful teachers than that of the Law. The disuse of the practitioner's office, Blackstone's Commentaries and the code of the state as the sole sources of instruction and the rise of the law school show the inefficiency of the former and the good offices of the latter. The lawyer with time to instruct does not practice, and the student who endeavors to gain a knowledge of the science and art by private reading of a few books cannot enter into competition with men who have been specially trained. The great mass of the Law, increasing day by day, the extreme nicety to which principles have been reduced, the number and conflict of authorities, the ever widening field of application, and the more stringent examinations for admission to the practice, call for not only a more intimate, but a more extensive course of preparation than can be obtained by private study. These considerations have led those learned and experienced in the Law to the conviction that two years spent in attendance upon the course of instruction in a properly constituted law school are an essential and none too great preparation for the practice.

METHODS OF INSTRUCTION.

In prescribing the course of instruction in this school, the object has been to present to the student such a general view of the system and theory of the Law as will give him a knowledge of the science and of the practice of it as a whole, its elements, its principles, its reasoning, by practical elucidation of the elements, and

at the same time conducting him through the processes of reasoning by which the underlying fundamental principles have been arrived at. While the purpose is to drill thoroughly to a mastery of the principles as the ultimate object, yet this is done by the process of leading the student to an independent deduction of the correct rule by the contemplation and comparison of actual cases and the commentaries of authoritative text-writers. To this end, the student is encouraged to the consideration and weighing of facts and circumstances, to criticism and discussion, to the enunciation and defense of his own views, and the final arrival at a correct judgment through the detection and elimination of error. It is believed that by this method the reasoning faculties will be exercised and developed and the student will acquire the power of applying his knowledge of principles as new combinations of fact are presented to his mind. The acquisition of systematic knowledge and a facility in the use of it constitute the end and aim to which the scheme of the school is directed.

COURSES OF STUDY.

For the accomplishment of this purpose, a course of two years' study has been laid down, divided into two classes, Junior and Senior, with a view to first presenting to students the natural and acquired rights with which the Law deals and the positive rules by which they are vindicated.

The Junior Year will comprehend the subjects of Contracts, Domestic Relations, Personal Property, Real Property, Agency, Torts, Carriers, Criminal Law.

The Senior Year will be occupied with the subjects of Common Law and Code Practice and Pleading,

Equity and Equity Pleading, Evidence, Wills, Corporations, Partnership, Bills and Notes, Constitutional Law.

TEXT-BOOKS.

The following text-books and books of cases, among others, will be used or constantly referred to throughout the course: Smith on Contracts, Clark on Contracts, Pattee's Illustrative Cases in Contracts, Hopkins' Cases on Contracts, Huffcut on Agency and Cases on Agency, Cooley on Torts, Hutchinson on Carriers, Bigelow on Bills and Notes, Norton on Bills and Notes, Williams on Real Property, Tiedeman on Real Property, May's Criminal Law, Bishop's Criminal Law, Cooley's Constitutional Law, Benjamin on Sales and Cases on Sales, Morawetz on Corporations, Clark on Corporations, Shepard's Cases on Corporations, Stephen's Pleading, Chitty's Pleading, Abbott's Civil Trial Brief, Adams' Equity, Bispham's Equity, Jarman on Wills, Greenleaf's Evidence, Blackstone's Commentaries, Mechem on Partnership, Lindley's Partnership.

GRADUATION.

Upon completion of the course with satisfactory proficiency in all the subjects, the degree of LL. B. is conferred. While the curriculum for graduation contemplates and requires residence in the University as a student of law for two collegiate years, yet in exceptional cases, persons who apply to the faculty and present satisfactory evidence that they have pursued a course equivalent to that of the Junior year, may be excused from attendance on the classes of that year, but a diploma will be granted only after the applicant has passed satisfactorily all the examinations, in the Junior as well as the Senior class in the year in which he applies.

COLLEGE YEAR.

The college year is divided into three terms, the first beginning on October first and continuing until December twenty-second; the second beginning January second and continuing until March sixteenth; and the third beginning March eighteenth and continuing until June twelfth. Students may enter at the beginning of any term. The final exercises of the College of Law will be held on June twelfth, 1907.

The division into three terms is made for the purpose of accommodating those students who are not able to follow their course of legal study consecutively for the two collegiate years. Yet it is most strongly urged that students will enter at the beginning of the Junior year and continue without intermission until the Senior year is completed, unless this should be impossible. It is believed that this division will also enable those who wish to pursue only particular subjects to do so most conveniently, so as not to interfere with their other engagements.

FEES.

The fees for the collegiate year, except to special students, are ninety dollars, which include matriculation, tuition in the College of Law, and the privilege of attending the classes of the College of Liberal Arts. To students who enter the Senior class and are excused from attendance on the Junior class, the fees are one hundred and ten dollars. To such as enter for only a single term, the fees are forty-five dollars. Except in the case of the last class of students, whose fees are payable at the beginning of the term for which they enter, fees are

invariably payable, one-half upon entrance and one-half on February first.

SUMMER TERM.

Provision is made for a summer term of ten weeks in addition to the regular terms of the collegiate year. The object of this term is to provide a preparatory course for beginners and also to furnish an opportunity to practitioners for review. For particulars, apply to the Dean.

THE PREPARATORY SCHOOL

BURRIS ATKINS JENKINS, A. M., D. D., *President.*

INSTRUCTORS.

THOMAS BENTON MCCARTNEY, JR., M. A., PH. D., *Principal.*
ALFRED CHARLES ZEMBROD, A. M.
ALICE TRIBBLE KARR, B. S.
JOHN FRANKLIN SMITH, B. S.
REUBEN YANCE MAXEY, B. PED.
HEBER MICHAEL HAYES.
WILLIAM FRANK WYATT, A. B.

ADMISSION.

For entrance into the Preparatory School the applicant must be not less than thirteen years of age, must have completed satisfactorily such studies as are required in the eighth grade of the Lexington public schools, and must show adequate preparation, by examination or otherwise, especially in geography, grammar, and arithmetic.

COURSES OF INSTRUCTION.

The courses of instruction in the Preparatory School are designed primarily to fit students for the freshman classes in the College of Liberal Arts. The text-books used and the methods of teaching employed are carefully adjusted to the needs of the student in his collegiate course. Experience has taught that there is great advantage in beginning the work of the institution in the preparatory department. Students who, in any of the

subjects taught, have not the amount of preparation required for admission to the corresponding courses of the College, have here ample facilities for making up their deficiences. During the past session, in addition to the matriculates of the Preparatory School, nearly one hundred students of the College of Liberal Arts and the College of the Bible received instruction in one or more classes of the Preparatory School.

The courses offered extend through three years of Latin and mathematics; two years of Greek, English, and history; one year of French and German.

Greek.

FIRST YEAR.

1. Gleason's Greek Primer begun; exercises at the blackboard, with marking of accents. First term.
2. The Primer completed; exercise work continued. Second term.
3. Gleason's Gate to the Anabasis; prose composition, written and oral. Second term, fourteen weeks.

SECOND YEAR.

1. Goodwin and White's Xenophon's Anabasis, books I and II. First term.
2. The Anabasis, books III and IV. Second term.
3. Pearson's Greek Prose Composition; Babbitt's grammar. The session.

Latin.

FIRST YEAR.

1. Bennett's Latin Lessons; Allen and Greenough's grammar; daily exercises at the blackboard with marking of quantities. The session.
2. Greenough, D'Ooge, and Daniell's Second Year Latin. First term, four weeks; second term.

SECOND YEAR.

1. Caesar, three books or equivalent in the Second Year Latin. First term.
2. Cicero, four orations. Second term.
3. Allen and Greenough's grammar. The session.
4. Arnold's Latin Prose Composition. Every Wednesday.

THIRD YEAR.

1. Virgil: the Aeneid, four books; the Latin declension of Greek nouns, the dactylic hexameter verse and peculiarities of Latin poetry. Introduction to Roman mythology. One session. 5.
2. Latin prose composition; oral and written exercises. Every Thursday.

Ancient history is prerequisite to third year Latin.

English.

FIRST YEAR.

1. Longman's English Grammar with analysis of sentences and exercises in composition. Lady of the Lake, Sir Roger De Coverley Papers, The Ancient Mariner, Irving's Life of Goldsmith, Vision of Sir Launfal.

SECOND YEAR.

1. Brooks and Hubbard's Composition-Rhetoric, with exercises in composition. Julius Caesar, Merchant of Venice, Macbeth, Burke's Conciliation with America, Silas Marner, Ivanhoe, three selections from The Idylls of the King, Macaulay's Addison and Johnson, L'Allegro, Il Penseroso, Comus, Lycidas.

French.

1. Fraser and Squair's French Grammar, Part I, begun. Conversation; drill in pronunciation and in inflection of regular verbs. Writing from dictation. First term.

2. Frazer and Squair, part I, completed. Conversation. Fontaine's Fleurs de France. Second term.

German.

1. Bierwirth's German Grammar throughout the session.
2. Constant drill in pronunciation, inflection, and parsing, accompanied by written and oral exercises. First term.
3. German prose, short stories, conversation and review of grammar. Storm's Immensee. Second term.

Mathematics.

FIRST YEAR.

1. Milne's Algebra to simultaneous simple equations. Blackboard and written work. The session.

SECOND YEAR.

1. Milne's Algebra completed. The session.

THIRD YEAR.

1. Wentworth's Plane Geometry (Revised). Special attention is given to exercises. The session.

Natural Science.

No course in science is at present taught in the Preparatory School; but students who do not offer the science required for entrance must take an additional year's work of science in the College.

History.

FIRST YEAR.

1. Myers' Ancient History. The Orient, Greece, Rome; mediaeval history to the time of Charlemagne. The session.

SECOND YEAR.

1. Larned's History of England. First term.

2. Larned's History of the United States. Second term.

Ancient history is required for admission to the departments of Greek and Latin; the history of England for admission to the department of English, in the College of Liberal Arts.

ORDER OF RECITATIONS.

Hours.	Class.
8:30-9:30	First Year Greek. First Year Latin, Section 1. First Year English, Section 1.
9:30-10:30	Second Year Latin. Second Year English, Section 1. First Year Mathematics (Algebra). French.
10:30-11	Chapel.
11-12	First Year Latin, Section 2. Third Year Mathematics, Section 1 (Geometry). German. Ancient History.
12-1	Second Year Greek. Second Year English, Section 2. Second Year Mathematics (Algebra).
2-3	First Year English, Section 2. Third Year Mathematics, Section 2 (Geometry). [Physical Geography.] English and American History.

All classes in the Preparatory School recite five times a week.

COMMERCIAL COLLEGE

BURRIS ATKINS JENKINS, A. M., D. D., *President.*

FACULTY.

WILBUR RUSH SMITH, *Presiding Officer.*
Assisted by nine competent instructors.

COURSES OF INSTRUCTION.

The course of instruction is unusually full. It includes book-keeping in its application to professional and official business, and to the various forms of merchandizing, compound company partnership; commission, joint stock, railroading, steamboating, banking, milling, real estate and insurance, furnacing and mining.

The thorough instruction given in banking is an important feature of this college. This part of the course includes the use of ten books, with the necessary accompaniment of business and legal forms.

Both class and individual instruction is given in commercial arithmetic in its varous features of interest, discount, premium, profit and loss, percentage, averaging accounts, equation of payments, proportion of taxes, insurance, and measurements.

Students are trained in mercantile correspondence and in the use use of checks, drafts, exchanges, deeds, leases, mortgages, agreements and other forms of business paper.

Frequent lectures on commercial law, pertaining to partnership, contracts, settling of estates, etc., are given.

The whole course of instruction is eminently practical in design and methods. The drilling that the students receive in the principles of business is accompanied and followed by their practical application in organizing and conducting business, at first simple, but afterwards of the most intricate and complicated character. As a final test of proficiency, the student is required to merge a set of single entry books into individual double entry, this into partnership, and this again into joint stock.

Special courses in shorthand, typewriting and telegraphy may be taken either with or without a general course. The instruction in these branches is not confined to the immediate subjects, but includes a liberal range of collateral matters. The instructors are competent teachers of practical experience in their respective departments.

The Commercial College has two general courses, the merchant's course and the full business course. The former requires from five to seven weeks to complete it, the latter from eight to twelve weeks. A separate charge is made for instruction in phonography, typewriting, and telegraphy.

The session continues throughout the year. Students can enter at any time. There is no class system, but individual instruction, each pupil advancing as rapidly as he may be able.

The hours of work are from 9 a. m. to 12 m.; 1½ to 5 p. m., and 7 to 8½ p. m.

Matriculates of this college can attend, without charge, for the remainder of the session after the completion of their business course, the classes of the College of Liberal Arts or of the Preparatory School.

MEDICAL DEPARTMENT

BURRIS ATKINS JENKINS, A. M., D. D., *President.*

FACULTY.

JOSEPH BENSON MARVIN, B. S., M. D., LL. D., *Presiding Officer.*

THOMAS CRAIN EVANS, M. D., *Dean.*
JOSEPH GARLAND SHERRILL, A. M., M. D.
SAMUEL ELISHA WOODY, A. M., M. D., LL. D.
HENRY ENOS TULEY, A. B., M. D., *Secretary.*
LOUIS FRANK, M. D.
LEON LEOPOLD SOLOMON, A. B., M. D.
WILLIAM EDWARD GRANT, M. D.
ADOLPH O. PFINGST, M. D.
VIRGIL E. SIMPSON, M. D.
ROE L. EDMONDS, M. D.
BERNARD ASMAN, M. D.
CHAS. W. HIBBITT, A. B., M. D.
OLIVER H. KELSALL, A. B., M. D.
ARGUS D. WILLMOTH, M. D.
CARL WEIDNER, M. D.
HENRY HUGH KOEHLER, A. B., M. D.
HENRY LOUIS RAPP, PH. G., M. D.
A. LEE EDDY, M. D.
CLAYTON B. BLAKEY, A. M.
J. C. WILLIS, A. M., PH. D.

GENERAL ANNOUNCEMENT.

The Medical Department is an integral part of the University, and is the lineal descendant of the Medical Department of Transylvania University. Transylvania University was founded at Lexington, Ky., in 1799. It was, in 1865, consolidated with Kentucky University,

which was established in 1836. By this union Kentucky University succeeded to the property, endowment and good will of Transylvania University. Acting under an amended charter, the Board of Curators transferred the Medical Department to the city of Louisville.

The adoption of the graded course and the change in the method of instruction from the didactic and theoretical to the clinical and demonstrative, demand that a medical school, in order to fulfill its highest aim and meet the progressive requirements of public and professional sentiment, must be a department of an endowed University. The University system of instruction elevates and broadens the plane of medical education, and in every way favors scientific methods of teaching. It furnishes the student both the incentive and the opportunity to prosecute scientific research in medicine and collateral sciences, broadens his culture, and gives dignity and distinction to his degree.

No radical changes will be made during the session of 1907 either in the curriculum or the method of instruction. Some changes in the details of instruction in different departments will be made in order to present a more complete and carefully graded course.

During the first two years special emphasis is laid upon practical work in the laboratories. In these laboratories each student is required to do the work himself under the supervision of the instructor. He does not merely look on while the instructor shows how it should be done, but actually does the work himself.

The same practical method of instruction is carried out in the clinical and advanced work.

The Faculty of the Medical Department desire to call

special attention, not only of students, but of practitioners, to the splendid clinical and anatomical facilities afforded by the city of Louisville, which, with its suburbs, has a population of nearly 300,000. The great reputation of Louisville as a medical center attracts thousands of patients a large portion of whom are legitimate subjects for clinical demonstrations. Broadway Infirmary is entirely under the control of the University. This enables the Faculty to utilize the almost inexhaustible supply of clinical material and to give practical bedside instruction in the diagnosis and management of medical and surgical diseases.

The advantage of a close personal relationship between the teacher and the student is recognized and encouraged.

THE COLLEGE BUILDINGS.

The three college buildings, surrounded by a beautiful campus, are located on Broadway, between First and Second streets. The main building is a massive and elegant stone and brick structure of four stories. This building is occupied by the Broadway Infirmary, the operating room and surgical amphitheater, clinical lecture rooms, recitation rooms, and the laboratories of histology, bacteriology, pharmacy, inorganic and organic chemistry. The surgical, anatomical, and biological laboratories occupy a separate building, as far as possible removed from the main building.

In order to meet the demands of rapidly growing classes, the Faculty, during 1900, erected a new lecture hall. This building contains two didactic amphitheaters, each with a seating capacity of over 300. The amphitheaters are well lighted and ventilated. The

seats are of the latest designs and the most comfortable pattern.

DISPENSARY AND HOSPITAL ADVANTAGES.

The dispensary occupies the entire basement of the College Building, and is open every morning from 8 to 9 o'clock, affording an enormous ambulatory clinic. The Chief of the Clinic assigns patients to the examining rooms, where each is treated by the professor of the department to which the disease belongs. Attendance on these clinics is required of the third and fourth year students.

SECTION WORK.—The class is divided into small sections, which spend one week in each of the various departments. The professor gives practical demonstrations and the student receives instruction in the proper methods of making his examination of the sick. Prescriptions are written and operations performed by the student under the supervision of the chief of the department. When it is necessary, patients are visited at their homes. Members of the senior class are detailed by the professor to assist in all surgical operations, and are given practical demonstrations in the administrations of anaesthetics.

BROADWAY INFIRMARY.

This elegant, commodious and modern hospital is under the control of the Faculty of the Medical Department. It occupies the entire second floor of the main building. It contains four wards, with private rooms for both medical and surgical cases. This enables the Faculty to utilize better the material from the extensive out-door clinic, and to give students

practical training in all that is latest and best in the diagnosis, management, and treatment of medical and surgical cases. The operating room and clinical amphitheater are designed after the plans of the celebrated Middlesex Hospital, in London. It is well ventilated and lighted, and equipped with every modern convenience required for the performance of aseptic surgery.

LOUISVILLE CITY HOSPITAL.

This hospital has been thoroughly remodeled. An entirely new surgical operating room and clinical amphitheater have been erected. Apartments for infectious diseases have been added, and spacious wards for children have been furnished after the most modern ideas. The enormous amount of clinical material afforded by the city's poor is utilized twice each week for the benefit of advanced students in surgery and general medicine. The senior class, divided into small sections, is permitted to make the rounds of the wards with the staff physicians. Autopsies are held in the new pathological amphitheater, and students are invited to witness the autopsies.

CLINICAL LABORATORY.

In connection with the out-door department of the University there is a well-equipped clinical laboratory, in charge of competent experts, where senior students are familiarized with the method of examination of blood, urine, sputum, stomach contents and feces.

Every student should be supplied with a microscope for work in the laboratory. At the beginning of the session of 1900 Kentucky University imported a suffi-

cient number of the best foreign-made instruments to equip fully the laboratories of normal histology, morbid histology, bacteriology, biology, and clinical pathology. These instruments are supplied to the student free of charge. Every student is strongly advised to purchase a good microscope, with an immersion lens in order that he may become familiar with the same instrument which he will use after his graduation.

EXAMINATIONS FOR PROMOTION.

FRESHMEN are examined on the following branches, or must present satisfactory evidence of having taken such examinations elsewhere before being promoted to the Sophomore class:

Medical physics, physiology, anatomy, materia medica, elementary and inorganic chemistry, histology.

SOPHOMORES are examined on the following branches, or must present satisfactory evidence of having taken such examination elsewhere before being promoted to the Junior class:

Anatomy, materia medica, physiology, therapeutics, bacteriology, morbid histology, organic and medical chemistry.

JUNIORS are examined on the following branches, or must present satisfactory evidence of having taken such examinations elsewhere before being promoted to the Senior class:

Principles and practice of medicine, principles and practice of surgery, physical diagnosis, obstetrics, hygiene, general and surgical pathology, therapeutics, operative surgery, gynecology and abdominal surgery, pediatrics, ophthalmology, medical jurisprudence,

genito-urinary surgery, dermatology, otology and rhinology, medical life insurance.

EXAMINATION FOR GRADUATION.

The examination for graduation is held at the close of the regular session. It includes all subjects taught in the college in which the candidate has not previously passed a satisfactory examination.

REQUIREMENTS FOR ADMISSION.

The applicant must present a certificate of good moral character signed by at least two reputable physicians of the state in which he resides.

Graduates of reputable academic or scientific colleges granting the A. B., B. S., or equivalent degrees, or graduates of reputable high schools or academies of the first grade, normal schools established by state authority, a medical student's certificate issued by a State Board, or a State Teacher's permanent or life certificate are admitted to the first year class without examination upon presentation of their respective diplomas or certificates to the proper authorities.

In the absence of the above qualifications the applicant must present a certificate showing that he has passed a satisfactory examination on the following subjects:

1. An English composition of not less than two hundred words on some subject of general interest. It must be criticised in relation to thought, construction, spelling, punctuation, and handwriting.

2. In arithmetic, showing a thorough knowledge of common and decimal fractions, compound numbers, and ratio and proportion.

3. In algebra, on fundamental operations, factoring, and simple quadratic equations.

4. In physics, on elements of mechanics, hydrostatics, hydraulics, optics, and acoustics.

5. In Latin, in such elementary work as shows a familiarity usually attained by one year of study.

Advanced standing granted upon courses taken in other medical colleges will be subject to revision if such courses are found insufficient to meet the requirements of the Association of American Medical Colleges.

REQUIREMENTS FOR GRADUATION.

A candidate for the degree of doctor of medicine must be of good moral character and twenty-one years of age. He must have pursued the study of medicine for four years, have attended at least four courses or an equivalent amount of time in a recognized medical school, of which at least the last session must have been in this institution. Not less than forty-two months must have elapsed between the date of his first matriculation and the date of graduation. He must have paid all fees and complied with all college requirements. He must pass a satisfactory examination in all branches taught in the senior year.

HONORS.

A competitive examination for an interneship in the Louisville City Hospital will be held in July each year, open to members of the graduating class.

PRACTITIONERS' COURSE.

Practitioners of medicine and post-graduates will find the laboratories and clinics so arranged as to afford

unusual facilities for special and advanced study. This course is designed to embrace all subjects ordinarily taught in post-graduate schools, each department being in charge of specialists. The laboratories, complete and modern, which are conducted by men of learning and long training at home and abroad, afford every facility for practical and advanced work. Visiting physicians are always welcome, and are cordially invited to inspect the College Hospital and Clinical Amphitheater.

FEES.

Matriculation (payable each year), $5; tuition, $70 per session. Graduation fee, $25 extra.

All fees are payable in advance.

A fee of $5 is charged by the city for attendance at the City Hospital. This is payable in only junior and senior years.

BOARDING AND ROOMS.

Good board, with lodging, will cost from $12 to $15 a month; comfortable rooms, without board, $4 to $5 a month. A list of boarding-houses, carefully selected, may be found with the janitor.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

The magnificent building of the Y. M. C. A., with its beautiful grounds, is located at the corner of Fourth and Broadway, only two squares from the College Building. The Y. M. C. A. is well adapted to meet the social, intellectual, physical, and spiritual needs of young men who are strangers in the city. The privileges of the Association are offered to the student at a special rate. Student's membership fee for six

months is only $5.00. These privileges include the use of the gymnasium, baths, reading and correspondence rooms, parlors, lectures, entertainments, social receptions, religious meetings, etc.

MATRICULATION AND SEATS.

The Faculty urge students to matriculate and to be in attendance at the beginning of the session. Students who join the class late find themselves at a great disadvantage, from the fact that lectures may have been given, the full comprehension of which was necessary to a clear understanding of those which followed. Regular attendance is required of all students.

Seats in the lecture hall and clinical amphitheater and operating room are numbered, the numbers beginning at the front. Students desiring seats near the lecturer can obtain such by sending matriculation fee, upon the receipt of which their names will be registered and seats assigned them in order of such registration. This entitles the student to the seat during the entire term.

ANNUAL LIMITATION.

The statements made as to conditions, fees, rules, and courses of lectures relate to the year 1907 only, and are applicable to all students without regard to the time of a first or subsequent matriculation Changes in the corps of instructors and curriculum of the College will be made whenever the Faculty deems it necessary. The Faculty reserves the right to terminate a student's connection with the College at any time for what is deemed improper conduct, and under no circumstances will fees be returned.

MAIL.

Students should have their mail directed in care of Kentucky University, Medical Department, where it will be delivered three times a day. The Dean or his private secretary will be in his office at the College at eight o'clock every morning except Sunday.

DIRECTIONS TO STUDENTS.

Students on arriving in the city should have their baggage checked direct to Kentucky University, Medical Department, 115 W. Broadway, where it will be received and taken care of until a suitable boarding-house has been selected. They should promptly report at the College, and thus avoid unnecessary hotel expenses. The janitor, who is always to be found at the College, has a list of desirable boarding-houses and private homes, and can give any other information necessary.

For further particulars, address

Dr. T. C. Evans, Dean,
419 W. Chestnut Street,
Louisville, Ky.

MATRICULATES

COLLEGE OF LIBERAL ARTS.

Adams, Iva Elmer ..... Kentucky
Agee, Carl ..... Kentucky
Alford, Audrey ..... Kentucky
Allen, Robert McDowell ..... Kentucky
Amsler, Benjamin Frank ..... Missouri
Baer, Artemisia ..... Florida
Bagley, Gussie ..... Alabama
Baker, Leslie William ..... Australia
Barnes, Charles William ..... Kentucky
Bassett, Frances Threlkeld ..... Kentucky
Bassett, Katherine Stanhope ..... Kentucky
Bell, Fred ..... Indiana
Berry, Lydia Mitchell ..... Kentucky
Birkhead, Guthrie Sweeney ..... Kentucky
Blakemore, William Barnett ..... Kentucky
Botts, Marshall Jennings ..... Kentucky
Brady, Emma Noyes ..... Kentucky
Bridges, Katie May ..... Kentucky
Bridges, Leonard Cabel ..... Kentucky
Bromley, David Samuel ..... Kentucky
Brooks, Joseph Charles ..... Alabama
Bryan, Albert Woodson ..... Kentucky
Burke, Bertie Mayfield ..... Illinois
Campbell, Gilbert Whitney ..... Missouri
Campbell, William Burnside ..... Kentucky
Carter, Robert Henry ..... Kentucky
Carpenter, Homer Wilson ..... Kentucky
Carpenter, Vera Clifton ..... Kentucky
Cassidy, Henry Duncan ..... Kentucky
Champion, Richard Robert ..... Kentucky
Chappell, Alvin Elwood ..... Kentucky
Claxon, Eva Lena ..... Kentucky
Coleman, Eleanor Russell ..... Kentucky
Collis, Sarah Adelaide ..... Kentucky
Conkling, Charles Mordecai ..... Florida

Conley, Grover Nathan ..... Kentucky
Cook, Holton ..... Kentucky
Cooper, Edna ..... Indiana
Cossaboom, Charles Orwell ..... Canada
Cossaboom, Melbourne ..... Canada
Cord, Robert Ireland ..... Kentucky
Crenshaw, John Walden ..... Kentucky
Crenshaw, Robert Walden ..... Kentucky
Cropper, Lurline Gentry ..... Kentucky
Crowley, William Abraham ..... Missouri
Daniel, Gilbert Joseph ..... Australia
Davidson, Memory ..... Tennessee
Davis, John Frank ..... Kentucky
Dawson, Birt Herbert ..... Kentucky
Dean, John Scott ..... Tennessee
Dean, Robert Henry ..... Kentucky
Delcamp, Ernest Woodruff ..... Indiana
Donaldson, James O'Bannon ..... Kentucky
Doty, William Kavanaugh ..... Kentucky
Downing, Chilton Edward ..... Kentucky
Duncan, Joseph, Jr. ..... Missouri
Dunn, Susan Allie ..... Kentucky
Dutt, Meade Ervin ..... Michigan
Elam, Butler Jackson ..... Kentucky
Embry, Elizabeth Buford ..... Kentucky
Evans, Walter Owsley ..... Kentucky
Fairhurst, Helen Holman ..... Kentucky
Fairhurst, Mary Holman ..... Kentucky
Farris, J. Randall ..... Kentucky
Field, John Utterback ..... Kentucky
Finley, Austin Perry ..... Kentucky
Fisher, Warren Rogers ..... Kentucky
Florence, Nicholas Evert ..... Kentucky
Ford, Hiram Church ..... Kentucky
Foster, William Omer ..... Georgia
Fun, Chu ..... China
Gaines, Mary ..... Kentucky
Gillispie, Virgil Clay ..... Kentucky
Green, Irvin Taylor ..... Kentucky

Grimes, William Adams ..... Kentucky
Hale, Joseph Theodore ..... Kentucky
Harbison, Clinton McClarty ..... Kentucky
Harbison, George Douglas ..... Kentucky
Harbison, Shelby Thomas, Jr. ..... Kentucky
Hart, John Frazee ..... Kentucky
Haydon, Helen ..... Kentucky
Haydon, William Petty ..... Kentucky
Hightower, Henderson Grover ..... Kentucky
Hinton, Edna Earl ..... Kentucky
Hoskins, John Thomas ..... Virginia
Hume, Maria Dudley ..... Kentucky
Hurst, Ora Earl ..... Kentucky
Hutchcraft, Mary Fithian ..... Kentucky
Hutchcraft, Reuben Brent, Jr. ..... Kentucky
Ingels, Ben Crosse ..... Kentucky
Ingels, Clara Belle ..... Kentucky
Ingels, Kate Amanda ..... Kentucky
Iwasaki, James ..... Japan
Jones, Jesse Lee ..... Tennessee
Jordan, Earl ..... Kentucky
Karagiozian, Noury ..... Turkey
Kelly, George Andrew ..... Michigan
Kimbrough, Marion Lyttle ..... Kentucky
Knox, Thomas Baxter ..... Kentucky
Koch, Edward Henry ..... Indiana
Laskin, Lee Everett ..... Missouri
Lawrence, Margaret Bright ..... Kentucky
Loughery, Lucile ..... Indiana
Lunger, Henry Jacobs ..... Pennsylvania
Lyttleton, Joe Wilson ..... Kentucky
Maer, Jacob ..... Kentucky
Mathews, Marguerite ..... Kentucky
Mathews, William Harvey ..... Kentucky
Mattlews, Dowdy Roy ..... Kentucky
Maxey, Reuben Yance ..... Kentucky
McCallum, Percival Duncan ..... Australia
McCallum, William Cecil ..... Australia
McCoy, Nell Campbell ..... Kentucky

McCuddy, Nannie Minor ..... Kentucky
Miller, Clarence Emerson ..... Australia
Million, Issie D. ..... Kentucky
Million, Julian Elza ..... Kentucky
Milton, Frankie May ..... Kentucky
Moore, William Temple ..... Kentucky
Moran, Edward Emerson ..... District of Columbia
Morris, Ramey Patterson ..... Kentucky
Musick, Ryland Christmas ..... Kentucky
Neal, Roy Ireland ..... Kentucky
Nelson, Mrs. Olive ..... Kentucky
Nickell, Samuel Henry ..... Kentucky
Nickell, Silas Monroe ..... Kentucky
Norburn, Mattie Elizabeth ..... North Carolina
Nutter, William Lee ..... Kentucky
Phillips, Marie Ingram ..... Kentucky
Piatt, Robert Lee ..... Kentucky
Pile, George Edward ..... Tennessee
Plopper, Clifford Henry ..... Georgia
Posey, George Merchant Dolan ..... Indiana
Poynter, Robert Otha ..... Kentucky
Prather, John Gip ..... Kentucky
Ray, James Elijah ..... Kentucky
Reddish, William Dandridge ..... Kentucky
Rehorn, Miles Palmer ..... Kentucky
Riley, George L. ..... Kentucky
Ringo, Elizabeth Amy ..... Kentucky
Robbins, Lewis ..... Kentucky
Robinson, William Evans ..... Kentucky
Scearce, Mary Thomas ..... Kentucky
Scott, Elizabeth Boyd ..... Kentucky
Scott, George Hamilton ..... Kentucky
Shaw, Lillian Belle ..... Kentucky
Shaw, Roud ..... Kentucky
Shearer, Addie Napoleon ..... Kentucky
Smith, Everett St. Clair ..... Kentucky
Smith, Ina Kay ..... Kentucky
Smith, John Dishman ..... Kentucky
Smith, John Franklin ..... Tennessee

Spencer, Eva Holladay ..... Kentucky
Squires, Waller Spencer ..... Kentucky
Stansifer, Harry Matlack ..... Kentucky
Starratt, Rosa May ..... Kentucky
Steele, Annette ..... Kentucky
Steele, Richard Gray ..... Kentucky
Stewart, Lottie ..... Kentucky
Sweeney, Edwin Stanton ..... Kentucky
Talbert, Robert Macey ..... Missouri
Talbott, Anna Lee ..... Kentucky
Tandy, Pauline ..... Kentucky
Thomas, Richard ..... Kentucky
Thompson, Lenis Neal ..... Kentucky
Tingle, James Hennessey ..... Kentucky
Townsend, John Wilson ..... Kentucky
Tsugami, Paul ..... Japan
Tunis, James Curry ..... Kentucky
Utterback, Arnold ..... Kentucky
Van Horn, Edna Marion ..... Kentucky
Van Meter, Solomon Lee, Jr. ..... Kentucky
Varnell, George Marshall ..... Illinois
Viley, Mary Offutt ..... Kentucky
Vinson, Thomas Washington ..... Kentucky
Wade, Robert Jackson ..... Kentucky
Wade, William Hannibal ..... Kentucky
Wallace, James Franklin ..... Ohio
Waller, Louise ..... Kentucky
Walton, Samuel Barton ..... Kentucky
Warren, Willis Hensel ..... Kentucky
Waters, Joseph Daniel ..... North Carolina
Wayland, Mary Laetitia ..... Kentucky
Welch, Samuel Peyton ..... Kentucky
Wells, John David ..... North Carolina
Whaley, Nell ..... Kentucky
Wheatley, Archer ..... Illinois
Wheeler, William Franklin ..... Kentucky
White, Nannie Preston ..... Kentucky
Whitley, Wade Hampton ..... North Carolina
Whitmore, Charles Joseph ..... West Virginia

Wigginton, Jesse Norman ..... Kentucky
Wilking, Karl Zollars ..... Ohio
Williams, Mary ..... Kentucky
Willmott, James Franklin ..... Kentucky
Windsor, Richard, Jr. ..... Virginia
Wooten, Lloyd ..... North Carolina
Wyatt, George Dalton ..... Kentucky
Yoder, Benjamin ..... Illinois
Young, Chu ..... China
Young, Thomas aBecket ..... Pennsylvania

COLLEGE OF THE BIBLE.

Adams, Iva Elmer ..... Kentucky
Alexander, Guy Garfield ..... Kansas
Alexander, Jesse Abraham ..... Kentucky
Alexander, Ralph Edward ..... Kansas
Allphin, Albert Seabury ..... Kentucky
Anderson, William Earl ..... Indiana
Armstrong, Charles Edwin ..... Canada
Baldwin, Warren ..... Kentucky
Bare, Frank Myers ..... Illinois
Barnett, Ernest Jackson ..... Arkansas
Barr, David Earl Benton ..... Kentucky
Baugh, Arthur Heyward ..... Kentucky
Bedford, Sidney McHenry ..... Colorado
Berry, Fessie ..... Kentucky
Booker, Russell Everett ..... Illinois
Bramell, George Pearce ..... Kentucky
Braswell, Jonathan Calloway ..... Georgia
Breland, John Roderick ..... South Carolina
Brisby, Dyer Cooper ..... Kentucky
Brown, Henry Thomas ..... Kentucky
Brown, John Thomas ..... North Carolina
Brown, Joseph Beatty ..... Kentucky
Bryson, Walter Ernest ..... Massachusetts
Buckner, William Stanhope ..... Kentucky
Bullock, Charles Henry ..... California
Cargill, James Angel ..... Michigan

Carpenter, Ralph Tearance .....California
Cassity, Cabert .....Kentucky
Conkling, Joseph Wade .....Florida
Cook, Oscar Lee .....Texas
Cook, William Thomas .....Kentucky
Cooke, Harry Richard .....Tennessee
Cooke, Homer Franklin .....Tennessee
Courie, Wadie Faddul .....South Carolina
Cox, Huston Harvey .....Canada
Crostreet, Carl Buford .....Indiana
Cull, Ophir .....Kentucky
Cummins, Charles Albert .....Kentucky
Dampier, William Bruce .....Kentucky
Daniels, Clarence Wilford Ferdinand.....Kentucky
Darnell, Joseph Newton .....Texas
Darnold, Jefferson Benjamin .....Kentucky
Darnold, Obed William .....Kentucky
Dawson, Nannie Jane .....Kentucky
Day, Arthur George .....Australia
Deaver, Ephraim Marvin .....California
Devaney, Martin Alexander .....Kentucky
Dodge, Louise Morse .....Kentucky
Dodge, William J. .....Kentucky
Dutt, Bertha Mennis .....Kentucky
Ehlers, Clifton Saunders .....Maryland
Ewers, William Lindsay .....Australia
Famuliner, Charles McCance .....Missouri
Farley, Richard Keach .....Kentucky
Ferguson, Robert Vaughn .....Kentucky
Fern, Gilbert Harney .....Kentucky
Ficklin, Alice Sarah Ann .....Missouri
Ficklin, Henry Land Stone .....Missouri
Ficklin, Nannie Young .....Missouri
Fightmaster, Luther Ford .....Kentucky
Fish, Thomas Graves .....Kentucky
Foster, Rupert Clinton .....Indiana
Frederiksen, Neils Christian .....Denmark
George, John Samuel .....Missouri
Gordon, Coningsby Mathieson .....Australia

Gordon, Gifford Avondale Clive .....Australia
Gordon, Linley Vincent Glenroy .....Australia
Gray, Anderson Preston .....Tennessee
Griffis, Harold Hayes .....Indiana
Grubbs, Jesse Wickliffe .....Kentucky
Hall, James Walter .....Kentucky
Hand, Ernest .....Ohio
Harrison, Clarence Willis .....Oklahoma
Henry, George Clarence .....Canada
Hiteman, Emma L. .....Kentucky
Hobgood, Clay .....Kentucky
Holder, Charles Bert .....Alabama
Hoskins, John Thomas .....Virginia
Huffman, Ruby Mildred .....Kentucky
Jackson, Charles Elwood .....Georgia
Jackson, Smith .....Indiana
Jennings, Henrietta Bronson .....Florida
Jones, Joseph Reynolds .....Kentucky
Kenney, Charles Isaac .....Missouri
Kenney, Harvey Gerome .....Missouri
Kingsbury, Horace Edmund John .....Australia
Knight, Thomas Russell .....Indiana
Koch, Edward Henry .....Indiana
Lee, James Allen .....Alabama
Lenox, Willie McGarvey .....Kentucky
Leonard, Howard Beldon .....Indiana
Linnville, Benjamin Harmon .....Kentucky
Lobingier, Leslie .....New York
Locke, George Benton .....Kentucky
McCallum, Donald Campbell .....Australia
McHargue, William Madison .....Kentucky
McMurray, Alva Dodds .....Ohio
Mains, Walter Raymond .....Indiana
Manning, Harry Philip .....Australia
Mattson, Frank John .....California
Miley, Encil Leigh .....Ohio
Mill, John Stuart .....Australia
Mill, Walter Edward .....Australia
Miller, George Elmer .....Ohio

Miller, James Monroe ..... Kentucky
Minyard, Thomas Asa ..... Kentucky
Mize, Andrew Jackson ..... Georgia
Mize, John Griggs ..... Kentucky
Montague, Joel Benjamin ..... Missouri
Mullins, William Talton ..... Kentucky
Nichols, Charles Estel ..... Missouri
Nickerson, Edward James ..... Canada
Offutt, Sabert ..... Kentucky
Oldham, Richard ..... Ohio
Oliver, William Bruce ..... Kansas
Palmore, Richard Alsop ..... Kentucky
Perkins, Allan Edward ..... Canada
Pirkey, Russell Johnson ..... Kentucky
Pritchett, Joseph Everett ..... Virginia
Pyatt, Charles Lynn ..... Illinois
Ray, James Elijah ..... Kentucky
Records, Ralph ..... Indiana
Rector, Allie ..... Kentucky
Reed, Samuel ..... Kentucky
Richard, Walter Lytle ..... Kentucky
Richardson, Paul Lincoln ..... Canada
Riddle, Robert Logan ..... Kentucky
Ring, Lucile ..... Indiana
Robertson, Arthur Blaine ..... Indiana
Robertson, Arthur Erwin ..... Virginia
Rush, John Samuel ..... South Carolina
Schaeffer, Harry ..... Ohio
Scott, Delaware Walter ..... Virginia
Self, Harbird Benjamin ..... Florida
Shropshire, Newton Lary ..... Kentucky
Sights, Alva ..... Kentucky
Smith, Benjamin ..... Indiana
Spencer, Howard Gayle ..... Kentucky
Stambaugh, Francis Marion ..... Kentucky
Stambaugh, John Henry ..... Kentucky
Stamper, Abney Lucien ..... Kentucky
Starns, Dudley ..... Kentucky
Stockford, William ..... Canada

Stone, Daniel Whitby ..... Virginia
Summers, Columbus Miller ..... Kentucky
Terrell, William Daniel ..... Kentucky
Thomas, James Edward ..... Australia
Thompson, George Thomas ..... Kentucky
Verco, George Day ..... Australia
Waggoner, Ira Edward ..... Tennessee
Wallis, Frank James ..... California
Wallis, Fred Blight ..... California
Wallis, Stanley Earl ..... California
Ware, Charles Crossfield ..... Kentucky
Webb, Henry Harrison ..... Ohio
Whitehouse, Wesley Clay ..... Kentucky
Wilson, Hiram Hendrix ..... Missouri
Wilson, James Hardin ..... Kentucky
Wittchen, Robert William ..... Illinois
Wolfe, William Addison ..... Kentucky
Wraith, John Hope ..... California
Wyatt, George Dalton ..... Kentucky
Yarbrough, Thomas Foster ..... Georgia
Yoes, Gilliam Clark ..... Arkansas

COLLEGE OF LAW.

Allen, Robert McDowell ..... Kentucky
Cassidy, Henry Duncan ..... Kentucky
Crenshaw, Robert Walden ..... Kentucky
Dean, Robert Henry ..... Kentucky
Elam, Butler Jackson ..... Kentucky
Ford, Hiram Church ..... Kentucky
Kelly, George Andrew ..... Michigan
Maer, Jacob ..... Kentucky
Musick, Ryland Christmas ..... Kentucky
Nickell, Silas Monroe ..... Kentucky
Posey, George Merchant Dolan ..... Indiana
Rehorn, Miles Palmer ..... Kentucky
Smith, John Dishman ..... Kentucky
Talbert, Robert Macey ..... Missouri
Tingle, James Hennessey ..... Kentucky

Varnell, George Marshall ..... Illinois
Vinson, Thomas Washington ..... Kentucky
Wade, Robert Jackson ..... Kentucky
Wade, William Hannibal ..... Kentucky
Wallace, James Franklin ..... Ohio
Wheatley, Archer ..... Illinois
Whitley, Wade Hampton ..... North Carolina
Wilking, Karl Zollars ..... Ohio
Yoder, Benjamin ..... Illinois

PREPARATORY SCHOOL.

Aitkin, Maurice Duty ..... Kentucky
Barkley, David Bennett ..... Kentucky
Boone, Douglas Howard ..... Kentucky
Bristow, Aden ..... Illinois
Broadus, Thomas Nash ..... Virginia
Chenault, Samuel Morse ..... Kentucky
Collis, Robert Alexander ..... Kentucky
Combs, Josiah Henry ..... Kentucky
Coons, Roy Montgomery ..... Kentucky
Coons, William Thomas ..... Kentucky
Craddock, David James ..... Tennessee
Crostreet, Fred Ernest ..... Indiana
Crouch, Edward Carl ..... Kentucky
Crouch, William Lee ..... Kentucky
Edge, Frank Forrester ..... Kentucky
Engle, Isaac James ..... Kentucky
Furse, Robert Francis ..... Georgia
Gayle, George Macklin ..... Kentucky
Goff, Sudduth ..... Kentucky
Greene, George Forester ..... New York
Haley, Christmas Carol ..... Kentucky
Haley, Eugene Wharton ..... Kentucky
Harp, David William ..... Kentucky
Hay, Hafford Earl ..... Kentucky
Herron, James Butler ..... Kentucky
Hughes, Herbert Leland ..... Alabama
Hunt, George Gordon ..... Kentucky

Jones, Edward Stewart ..... Kentucky
Kimbrough, Otho Lee ..... Kentucky
Leonard, Warren Mayberry ..... Canada
Lyons, Mabel ..... Kentucky
Martin, Rebel ..... Kentucky
Moran, Lola Gorman ..... Kentucky
Neal, Robin Adair ..... Kentucky
Ogletree, Roy Lorraine ..... Canada
Oldham, William Dowell ..... Kentucky
Palmore, Hovey Duncan ..... Kentucky
Perkins, Boyd ..... Kentucky
Phelps, Elizabeth Hurst ..... Kentucky
Phelps, Lilla Jane ..... Kentucky
Powell, William Franklin ..... Kentucky
Roberts, Harry ..... Australia
Rogers, William Edward ..... Kentucky
Rossy, Angel Eulogio ..... Porto Rico
Rummans, William Deloson ..... Kentucky
Ryan, John Graves ..... Kentucky
Shelton, Allie McAtee ..... Kentucky
Stickley, Asa Baker ..... Virginia
Talbert, Rezin Challen ..... Kentucky
Talbott, Edna Cecil ..... Kentucky
Tate, Elmer Evans ..... Kentucky
Thurman, Blanding Edward ..... Kentucky
Towles, Nettie Pearl ..... Kentucky
Towles, Sherman Russell ..... Kentucky
Trotman, Oliver ..... Alabama
Waggoner, Stirling Price ..... Tennessee
Walker, Rice ..... Kentucky
Ward, Shade Rose ..... Kentucky
Wiggins, Clarence ..... Tennessee
Wills, Alvin Lamar ..... Kentucky
Wilson, Richard Shelby ..... Kentucky
Wilson, Robert Swan ..... Kentucky

MEDICAL DEPARTMENT.

Abbott, F. C. ..... Iowa
Adams, F. T. ..... Kentucky

Addington, E. L. ..... West Virginia
Addis, C. F. ..... Kentucky
Anderson, C. J. F. ..... Kentucky
Anderson, G. W. ..... West Virginia
Argibrite, B. G. ..... West Virginia
Asbury, W. F. ..... Kentucky
Austin, Edgar ..... Illinois
Bacon, O. G. ..... Tennessee
Baird, W. O. ..... Tennessee
Banister, R. F. ..... Indiana
Barnes, C. W. ..... Kentucky
Beanland, G. C. ..... Mississippi
Beck, C. K. ..... Kentucky
Bentley, J. M. ..... Kentucky
Berryman, H. D. ..... Kentucky
Blake, C. C. ..... Florida
Blitch, J. B. S. ..... Georgia
Blount, H. C. ..... Kentucky
Bost, J. R. ..... North Carolina
Botts, J. H. ..... Kentucky
Bowman, S. M. ..... Kentucky
Boyer, J. S. ..... Indiana
Brown, L. S. ..... Mississippi
Brown, R. K. ..... Kentucky
Buck, Geo. H. ..... Kentucky
Bush, E. R. ..... Kentucky
Camp, W. C. ..... West Virginia
Campbell, G. W. ..... Kentucky
Campbell, T. I. ..... Kentucky
Cantrell, W. T. ..... Alabama
Carlyle, I. E. ..... Indiana
Cawood, William ..... Kentucky
Chapman, T. E., M. D. ..... Virginia
Cobb, F. Floyd ..... New York
Colley, K. L. ..... Virginia
Collins, M. M. ..... Missouri
Combs, J. W. ..... Kentucky
Combs, M. E. ..... Kentucky
Combs, S. P. ..... Kentucky

Conley, B. R. ..... Kentucky
Connelley, Walter ..... Kentucky
Cook, B. N. ..... Kentucky
Cook, M. D. ..... West Virginia
Cook, Scott ..... Kentucky
Corkrean, R. W. ..... West Virginia
Cortner, Sidney ..... Indiana
Craighead, C. C. ..... Louisiana
Creech, C. B. ..... Kentucky
Crume, S. M. ..... Kentucky
Crutcher, L. A. ..... Kentucky
Cummins, B. J. ..... Pennsylvania
Cupp, R. W. ..... Arkansas
Daniel, D. H. ..... Kentucky
Davis, H. B. ..... Indiana
Davis, M. M. ..... Kentucky
Dearman, U. L. ..... West Virginia
DeBord, W. M. ..... Kentucky
Deeds, L. W. ..... West Virginia
Defoe, A. G. ..... West Virginia
Dinsmoore, Silas ..... Kentucky
Donan, D. C. ..... Kentucky
Donavon, H. A. ..... Indiana
Dotson, W. A. ..... Kentucky
Downey, D. S. ..... Missouri
Draesel, Chas. ..... New Jersey
Duff, H. P. ..... Kentucky
Duncan, C. N. ..... Kentucky
Duncan, R. C. ..... Kentucky
Dwyer, Wm. ..... Kentucky
Eckels, L. W., Jr. ..... Kentucky
Edleson, L. R. ..... Kentucky
Edwards, W. B. ..... Alabama
Elliott, J. H. ..... Missouri
Emrich, W. H. ..... Kentucky
Ennis, H. H. ..... Iowa
Evans, R. E. ..... Kentucky
Fields, D. M. ..... Kentucky
Fittro, C. M. ..... West Virginia

Flanagan, E. P. ..... Indiana
Fling, I. C. W. ..... West Virginia
Forman, W. B. ..... Kentucky
Francis, C. E. ..... Kentucky
Frazer, J. H. ..... Indiana
Freshley, A. J. ..... Indiana
Gabbert, F. G. ..... Kentucky
Gabhart, J. H. ..... Kentucky
Garvey, J. F. ..... Kentucky
Gay, J. P. ..... Indian Territory
Gerkins, J. J. ..... Kentucky
Gilbert, Hardin ..... Kentucky
Ginn, T. B. ..... Kentucky
Glass, J. C. ..... Indiana
Glass, W. J. ..... West Virginia
Glover, Ilar ..... Tennessee
Goff, E. S., M. D. ..... West Virginia
Greene, W. H., Jr. ..... West Virginia
Growdon, W. R. ..... Ohio
Haas, Alex ..... Ohio
Hale, J. Grant ..... Kentucky
Halstead, J. M. ..... Kentucky
Hamner, J. H. ..... Kentucky
Hampton, J. B. ..... Kentucky
Manna, Monsoor ..... Ohio
Harmon, C. G. ..... New York
Harless, W. F. ..... West Virginia
Hart, B. O. ..... Kentucky
Heath, G. D., Jr. ..... South Carolina
Heavilin, H. I. ..... Ohio
Herrenkohl, Otto ..... Kentucky
Hester, J. H. ..... Kentucky
Heyser, D. T. ..... Kentucky
Hodges, C. A. ..... Georgia
Hohnstedt, J. H. ..... Ohio
Holton, C. E ..... Indiana
Honaker, H. P. ..... Kentucky
Hoover, R. A. ..... Indiana
Horton, E. W. ..... Kentucky

Howard, E. M., Jr. .....Kentucky
Hudkins, O. L. .....West Virginia
Hull, J. H. .....Indiana
Hunter, T. M. .....New York
Hurley, George .....Kentucky
Ingram, C. H. .....Mississippi
Ison, Gideon .....Kentucky
Jarrett, L. A. .....West Virginia
Johnston, R. E. .....Indiana
Jones, A. V. .....Kentucky
Jones, B. P. .....Kentucky
Jones, E. C. .....West Virginia
Jones, P. J. .....Kentucky
Kaelin, A. M. .....Indiana
Kerr, L. A. .....Kansas
Kinberger, A. G. .....Indiana
Knisely, A. D. .....Ohio
Lance, G. H. .....West Virginia
Laurie, J. McK. .....Indiana
Lawson, Sidney .....Missouri
Leader, G. H. .....New York
Ledbetter, L. H. .....Alabama
Leonard, L. W. .....West Virginia
Lewis, R. N. .....Pennsylvania
Linville, E. E. .....Kentucky
Longacre, C. H. .....Nebraska
Lucas, W. H. .....Kentucky
Macauley, H. A. .....South Carolina
McCarley, T. H. .....Kentucky
McCombs, E. A. .....Pennsylvania
McClellan, Wm. .....Kentucky
McClendon, J. I. .....Kentucky
McCord, Monroe .....Indiana
McCown, N. C. .....Kentucky
McCoy, S. C. .....Kentucky
McCracken, H. M. .....Indiana
McCullough, J. Y. .....Indiana
McCutcheon, L. D. .....West Virginia
McDevitt, C. S. .....Iowa

McEuen, H. B. ..... Kentucky
McGinnis, J. S. ..... Kentucky
McGuffey, J. H. ..... Louisiana
Maguire, T. C. ..... Florida
Mallette, Cyrus ..... Missouri
Mallette, L. T. A. ..... Missouri
Maples, J. M. ..... Alabama
Marks, P. F. ..... West Virginia
Marshall, J. J. ..... Kentucky
Mathews, E. E. ..... Ohio
May, O. L. ..... Kentucky
Mehler, L. A. ..... Kentucky
Miller, E. H. ..... Kentucky
Miller, Robt. ..... Virginia
Morford, J. A. ..... West Virginia
Morgan, E. A. ..... West Virginia
Morgan, H. L. ..... Kentucky
Moore, B. A. ..... West Virginia
Mueller, A. P. ..... Kentucky
Mullikin, J. W. ..... Kentucky
Myers, W. T. ..... Pennsylvania
Nash, A. J. ..... Mississippi
Nedrow, W. C. ..... West Virginia
Nicholson, A. R., Jr. ..... South Carolina
Nickell, G. C. ..... Kentucky
Nolen, J. H. ..... Kentucky
Parmley, J. G. ..... Illinois
Pearson, M. E. ..... Kentucky
Peddicord, F. L. ..... Kentucky
Pigman, Owen ..... Kentucky
Pinson, V. B. ..... Kentucky
Plunkett, H. B. ..... Massachusetts
Pollock, J. R. ..... Indiana
Porch, R. D. ..... Alabama
Prewitt, J. M. ..... Kentucky
Priest, Howard ..... Pennsylvania
Pryse, Wayne ..... Kentucky
Ramey, W. G. ..... Kentucky
Ramsay, J. W. ..... Georgia

Rawlings, H. F. ..... Kentucky
Richardson, J. D. ..... Tennessee
Riggan, J. E. ..... Mississippi
Riggans, I. W. ..... Indiana
Rigsby, Aude ..... Missouri
Ringo, H. F. ..... Kentucky
Risk, Howard ..... Iowa
Roberts, L. E. ..... West Virginia
Roberson, G. C. ..... Kentucky
Roberts, W. T., Jr. ..... Kentucky
Rosenfield, W. H. ..... Kentucky
Rose, J. M. ..... Kentucky
Ross, Grover H. ..... Kentucky
Royster, W. L. ..... Kentucky
Ruddell, Carlisle ..... Kentucky
Rutledge, J. ..... Kentucky
Sallee, Theo ..... Kentucky
Schmiedeknecht, Edw., Jr. ..... Kentucky
Schubert, H. R. ..... Missouri
Schulte, Henry ..... Kentucky
Scott, G. V. ..... Indiana
Scribner, C. A. ..... Kentucky
Self, G. S. ..... Arkansas
Setzer, A. R. ..... Kentucky
Shackleford, W. P. ..... Mississippi
Shacklette, J. B. ..... Kentucky
Shacklette, W. G. ..... Kentucky
Sherman, F. M. ..... Kentucky
Shoemaker, O. F. ..... Kentucky
Shy, T. H. ..... Missouri
Simmons, E. A. ..... South Carolina
Simmons, J. E. ..... West Virginia
Simmons, R. B. ..... West Virginia
Simpson, J. H. ..... Kentucky
Simpson, J. P. ..... Kentucky
Slaton, Francke ..... Kentucky
Slaughter, J. F., M. D. ..... Mississippi
Smith, Kirby H. ..... Kentucky
Snodgrass, C. C. ..... West Virginia

Sparks, H. T. ..... Kentucky
Spier, R. C. ..... Alabama
Stallard, F. L. ..... Kentucky
Statzer, J. C. ..... West Virginia
Steinmetz, H. H. ..... Ohio
Stepp, C. C. ..... Kentucky
Stewart, L. D. ..... Missouri
Stottlemeyer, Silas ..... Indiana
Stumbo, W. L. ..... Kentucky
Sturgill, Chas. ..... Kentucky
Sumner, Weston ..... Missouri
Swearingin, C. H. ..... Texas
Sweeney, W. J. ..... Kentucky
Tankersley, Wm. ..... Alabama
Taylor, L. S. ..... Indiana
Thompson, C. E. ..... Arkansas
Thornberry, L. Q. ..... Kentucky
Tracy, R. B. ..... Kentucky
Turner, L. A. ..... Kentucky
Tyner, H. V. ..... Arkansas
Tyree, J. H. ..... Virginia
Vinyard, Silas ..... Illinois
Watson, M. O. ..... West Virginia
Watts, T. W. ..... Louisiana
Weaver, C. H. ..... Indiana
Weaver, E. S. ..... Indiana
Webb, J. C. ..... Missouri
Webster, J. S. ..... Georgia
Weddle, Brenta ..... Kentucky
Weidner, Carl, Jr. ..... Kentucky
Wells, A. U. ..... Kentucky
Wheelock, D. O. ..... South Dakota
Whitaker, L. D. F. ..... Kentucky
White, H. L. ..... Missouri
Whitlow, E. A. ..... Kentucky
Widdowson, W. C. ..... Pennsylvania
Wilcox, J. C. ..... Kentucky
Willis, J. C. ..... Kentucky
Wood, Chas. ..... Indiana

Wood, E. C. .....Maine
Woodard, R. E. .....Kentucky
Woody, W. W. .....Washington
Worden, D. D. .....New York
Wyatt, W. G. .....West Virginia
Young, Bruce .....Kentucky
Younge, J. F. .....Kentucky
Younge, L. J. .....Kentucky
Youtsler, D. E. .....Kentucky

RECAPITULATION

College of Liberal Arts	201	
Junior College for Women	68	
Preparatory School	62	331
College of the Bible		164
College of Law		24
Commercial College		399
Medical Department		284
		1202
Names counted twice		26
		1176

One hundred and twelve matriculates of the College of the Bible have received instruction in one or more classes of the College of Liberal Arts and the Preparatory School.

Fifty-one ministerial students were matriculated in the College of Liberal Arts or in the Preparatory School. There were, therefore, enrolled in the colleges of the University two hundred and sixteen students who were preparing to be ministers of the Gospel or Christian workers.

STATES AND TERRITORIES REPRESENTED

Arkansas	9	Minnesota	1
Alabama	28	Mississippi	13
California	8	Missouri	29
Colorado	1	Nebraska	2
Dist. of Columbia	1	New Jersey	1
Florida	12	New York	8
Georgia	25	North Carolina	12
Illinois	14	Ohio	24
Indiana	51	Oklahoma	1
Indian Territory	1	Pennsylvania	9
Iowa	5	South Carolina	16
Kansas	4	South Dakota	1
Kentucky	732	Tennessee	35
Louisiana	7	Texas	9
Maine	1	Virginia	30
Maryland	1	Washington	1
Massachusetts	2	West Virginia	43
Michigan	3		
			1140

FOREIGN COUNTRIES

Australia	18	Japan	2
Canada	11	Porto Rico	1
China	2	Turkey	1
Denmark	1		
			36
			1176

CANDIDATES FOR GRADUATION

COLLEGE OF LIBERAL ARTS, JUNE, 14, 1906.

Masters of Arts.

Lee Everett Lakin .....Nelson, Mo.
Marie Ingram Phillips .....Lexington, Ky.

Bachelors of Arts.

Homer Wilson Carpenter .....Flemingsburg, Ky.
Sarah Adelaide Collis .....Lexington, Ky.
J. Randall Farris .....Richmond, Ky.
Clinton McClarty Harbison.....Lexington, Ky.
Roy Ireland Neal .....Lexington, Ky.
Samuel Henry Nickell .....Cannell City, Ky.
Everett St. Clair Smith.....Carlisle, Ky.
Rosa May Starratt .....Lexington, Ky.
Nell Whaley .....Paris, Ky.

COLLEGE OF THE BIBLE, JUNE 12, 1906.

Classical Course.

J. Randall Farris .....Richmond, Ky.
Lee Everett Lakin .....Nelson, Mo.

English Course.

Vera Clifton Carpenter .....Flemingsburg, Ky.
Melbourne Cossaboom.....Tiverton, Nova Scotia
Louise Morse Dodge .....Alexandria, S. D.
William Jordon Dodge .....Alexandria, S. D.
Charles McCance Famuliner.....Garden City, Mo.
Coningsby Mathieson Gordon...Queen's Own Town, Aus.
Harold Hayes Griffis .....Middletown, Ind.
Horace Edward John Kingsbury.....Sidney, Australia
Thomas Baxter Knox .....Winchester, Ky.
James Monroe Miller .....Granby, Mo.
Arthur Blaine Robertson .....Jamestown, Ind.
Benjamin Smith .....Jamestown, Ind.

Howard Gayle Spencer .....Lexington, Ky.
John Henry Stambaugh .....Blaine, Ky.
Columbus Miller Summers .....Erlanger, Ky.
James Edward Thomas .....Adelaide, Australia
Joseph Daniel Waters .....Kinston, N. C.
Hiram Hendrix Wilson .....St. Louis, Mo.

MEDICAL DEPARTMENT.

Doctors of Medicine.

Adams, F. T. .....Kentucky
Addington, E. L. .....West Virginia
Addis, C. F. .....Kentucky
Anderson, C. J. F. .....Kentucky
Barnes, C. W. .....Kentucky
Bentley, J. M. .....Kentucky
Blitch, J. B. S. .....Georgia
Blount, H. C. .....Kentucky
Brown, R. K. .....Kentucky
Bush, E. R. .....Kentucky
Cantrell, W. T. .....Alabama
Cobb, F. F. .....New York
Combs, J. W. .....Kentucky
Combs, M. E. .....Kentucky
Cook, Scott .....Indiana
Craighead, C. C. .....Louisiàna
Crume, S. M. .....Kentucky
Crutcher, L. A. .....Kentucky
Davis, M. M. .....Kentucky
Dearman, U. L. .....West Virginia
Dinsmoore, Silas .....Kentucky
Dotson, W. A. .....Kentucky
Draesel, Chas. .....New Jersey
Duncan, R. C. .....Kentucky
Eckels, L. W., Jr. .....Kentucky
Edleson, L. R. .....Kentucky
Emrich, W. H. .....Kentucky
Evans, R. E. .....Kentucky
Francis, C. E .....Kentucky

Frazer, J. H. ..... Indiana
Gilbert, Hardin ..... Kentucky
Ginn, T. B. ..... Kentucky
Glass, J. C. ..... Indiana
Glover, Ilar ..... Tennessee
Halstead, J. M. ..... Kentucky
Hamner, J. H. ..... Kentucky
Hampton, J. B. ..... Kentucky
Harmon, C. G. ..... New York
Hodges, C. A. ..... Georgia
Holton, C. E. ..... Indiana
Honaker, H. P. ..... Kentucky
Horton, E. W. ..... Kentucky
Jones, A. V. ..... Kentucky
Jones, B. P. ..... Kentucky
Knisely, A. D. ..... Ohio
Leader, G. H. ..... New York
McCoy, S. C. ..... Kentucky
McCutcheon, L. D. ..... West Virginia
Miller, E. H. ..... Kentucky
Nickell, G. C. ..... Kentucky
Peddicord, F. L. ..... Kentucky
Pinson, V. B. ..... Kentucky
Plunkett, H. B. ..... Massachusetts
Priest, Howard ..... Pennsylvania
Pryse, Wayne ..... Kentucky
Riggan, J. E. ..... Mississippi
Riggans, I. W. ..... Indiana
Rigsby, Aude ..... Missouri
Royster, W. L. ..... Kentucky
Rutledge, J. ..... Kentucky
Sallee, Theo ..... Kentucky
Scribner, C. A. ..... Kentucky
Setzer, A. R. ..... Kentucky
Shacklette, J. B. ..... Kentucky
Shacklette, W. G. ..... Kentucky
Sherman, F. M. ..... Kentucky
Simpson, J. P. ..... Kentucky
Slaton, Francke ..... Kentucky

Stallard, F. L. ..... Kentucky
Steinmetz, H. H. ..... Ohio
Stepp, C. C. ..... Kentucky
Swearingin, C. H. ..... Texas
Tankersley, Wm. ..... Alabama
Thompson, C. E. ..... Arkansas
Turner, L. A. ..... Kentucky
Tyner, H. V. ..... Arkansas
Watts, T. W. ..... Louisiana
Widdowson, W. C. ..... Pennsylvania
Willis, J. C. ..... Kentucky
Wood, E. C. ..... Maine
Worden, D. D. ..... Maine
Younge, J. F. ..... Kentucky
Youtsler, D. E. ..... Kentucky
Woody, W. W. ..... Washington

INDEX

Accredited Schools 45
Administration and Instruction, Officers of 6
Advanced Standing 45
Aid to Students 34, 94
Alumni Society 12, 40
Athletics 41
Attendance 30
Bequests 42
Buildings 20
Calendar 4
Candidates for Graduation..140
Carnegie Library 23
Christian Associations..36, 116
Christian Missions 36
College of Law—
  College Year 99
  Courses of Study..... 97
  Faculty 95
  Fees 32, 99
  Graduation 98
  Methods of Instruction... 96
  Professional Training..... 96
  Summer Term 99
  Text-books 98
College of Liberal Arts—
  Admission:
    by Certificate 44
    by Examination 44
    from Accredited Schools 45
    Requirements for 43
    Studies Required for... 46
    to Advanced Standing.. 45
  Courses of Instruction:
    Astronomy 71
    Biblical History 69
    Biology 73
    Chemistry 73
    Economics 75
    English 62
    French 65
    German 66
    Geology 73
    Greek 58
    History 67
    Latin 60
    Mathematics 70
    Philosophy 74
    Physics 72
    Sociology 75
  Degrees:
    Courses for 52, 55
    Requirements for.....53, 55
  Elective Studies 53
  Examinations 56
  Faculty 43
  Honors 54
  Masters' Degrees 55
  Order of Recitations..... 76
  Reports 57
  Special Courses 55
College of the Bible—
  Accommodations 92
  Courses of Instruction:
    Church History 82
    Christian Doctrine 81
    Civil History 81
    Graduate Courses 88
    Hebrew 83, 88
    Hellenistic Greek.....59, 85
    Hermeneutics and Exegesis 82
    Homiletics 83
    Philosophy 74, 84
    Public Speaking 85
    Sacred History 79
  Discipline 91
  Examinations and Reports 90
  Expenses 32, 92
  Faculty 78
  General Design 78
  Graduation 89
  Literary Societies 91
  Matriculation 90
  Order of Courses..... 88
  Order of Recitations..... 87
  Trustees 77
College Year 26
Commercial College 106
Contents 3
Curators of the University 5
Debating Association..... 39
Declamatory Contests..... 38
Degrees and Diplomas.....
  25, 51, 52, 53, 55, 89, 98, 115
Equipment.....19, 92, 110
Expenses 31
Faculty 6
Fees 31
Government and Discipline
  28, 91
Graduation and Degrees....
  51, 55, 89, 98, 115
Grounds 19
Hamilton College 27
Historical Sketch 13
Honor System 28
Information 19
Junior College for Women.. 27
Literary Societies 37, 91
Location 19
Matriculates—
  College of Law.....128
  College of Liberal Arts...119
  College of the Bible.....124
  Medical Department 130
  Preparatory School 126
Matriculation.....29, 90, 117
Medical Department—
  Admission 114
  Announcement 108
  Annual Limitation 117

Boarding and Rooms.....116
Buildings 110
Christian Association.....116
Dispensary and Hospital 111, 112
Examinations:
for Graduation 114
for Promotion 113
Faculty 108
Fees 115
Graduation:
Examinations for.....114
Requirements for.....115
Honors 115
Infirmary 111
Mail 118
Matriculation 117
Practitioners' Course.....115
Oratorical Contests 38
Organization 24
Preparatory School—
Admission 101
Courses of Instruction....101
Instructors 101
Order of Recitations.....105
Physical Training....21, 41, 92
Public Addresses 12
Publications 41
Recapitulation 138
Reciprocal Privileges 24
Recitations, order of, 76, 87, 105
Religious Culture 35
Rooms and Board..... 33
Scholarships 34, 94
Social Life 37
Young Women 27

15uH
5-07

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

VOL. VII. No. 3 JUNE, 1907

Kentucky University

BULLETIN

Catalogue Number

Entered at the Post Office at Lexington, Kentucky, as second class matter, according to the Act of Congress, Approved July 16, 1894.

Kentucky University

Incorporated

LEXINGTON

Catalogue 1906-1907

LEXINGTON, KY.
PUBLISHED BY THE UNIVERSITY
MCMVII.

Successor to
Transylvania University
Founded in 1799

CONTENTS

Calendar 4
Board of Curators 5
Officers of Administration and Instruction.. 6
Officers of the Society of Alumni..... 10
Historical Sketch 11
General Information 17
College of Liberal Arts—
Admission 43
Graduation and Degrees 54
Honors 59
Masters' Degrees 60
Special Courses 61
Examinations 61
Reports 62
Courses of Instruction 63
Order of Recitations 88
College of Law 91
Faculty 92
Courses of Instruction 94
College of the Bible—
Trustees 100
General Information 102
Courses of Instruction 110
Order of Recitations 122
Preparatory School 123
Commercial College 128
Matriculates 129
Recapitulation 139
Candidates for Graduation 141

CALENDAR

1907.

September 9—Monday, the session of the College of Liberal Arts, the College of the Bible, and the Preparatory School begins.

October 1—Tuesday, the session of the College of Law begins.

November 28-29—Thursday and Friday, Thanksgiving Recess.

December 20—Friday, the first term of the College of Law ends.

December 20—Friday, 4. P. M., Christmas Recess begins.

1908.

January 2—Thursday, 8:30 A. M., Christmas Recess ends.

January 2—Thursday, the second term of the College of Law begins.

January 31—Friday, the first semester of the College of Liberal Arts, the College of the Bible, and the Preparatory School ends.

February 3—Monday, the second semester begins.

February 21—Friday, celebration of Washington's Birthday by the literary societies.

March 16—Monday, the third term of the College of Law begins.

June 5—Friday, Final Examinations end.

June 8—Monday, Annual meeting of the Board of Trustees of the College of the Bible.

June 9—Tuesday, Commencement of the College of the Bible.

June 10—Wednesday, Annual meeting of the Board of Curators of Kentucky University.

June 10—Wednesday, Commencement of the College of Law.

June 10—Wednesday, Class-day exercises of the Graduating Class of the College of Liberal Arts.

June 10—Wednesday, Meeting of the Society of Alumni.

June 11—Thursday, Commencement of the College of Liberal Arts.

June 11—Thursday, Alumni dinner.

CURATORS OF KENTUCKY UNIVERSITY

ZACHARY F. SMITH ..... Louisville
JOHN S. SWEENEY ..... Paris
JAMES M. GRAVES ..... Versailles
JOHN T. HINTON ..... Paris
PHILEMON P. PARRISH ..... Midway
WILLIAM W. ESTILL ..... Lexington
JEREMIAH R. MORTON ..... Lexington
EDWARD L. POWELL ..... Louisville
BENJAMIN L. COLEMAN ..... Lexington
WILLIAM T. WITHERS ..... Lexington
GEORGE B. NELSON ..... Winchester
JOHN T. VANCE ..... Lexington
MARK COLLIS ..... Lexington
WILLIAM S. DICKINSON ..... Cincinnati, O.
JAMES H. HAZELRIGG ..... Frankfort
MATTHEW WALTON ..... Lexington
ROBERT C. TALBOTT ..... Paris
JOSEPH W. PORTER ..... Lexington
JESSE S. HOCKER ..... Stanford
LEONARD G. COX ..... Lexington
STRAUDER D. GOFF ..... Winchester
J. WILLIS BONNER ..... Nashville, Tenn.
WILSON J. THOMAS ..... Shelbyville
CHARLES W. BELL ..... Harrodsburg
SOLOMON L. VAN METER ..... Lexington
ISAAC J. SPENCER ..... Lexington
WILLIAM H. CASSELL ..... Lexington
CLIFFORD C. PATTERSON ..... Lexington
WARREN C. GRAVES ..... Georgetown
ATTILLA COX ..... Louisville
CAREY E. MORGAN ..... Paris
BENTON H. McMILLAN ..... Nashville, Tenn.
HUGH McLELLAN ..... Richmond
C. R. HUDSON ..... Frankfort
W. E. ELLIS ..... Cynthiana
J. A. STUCKY ..... Lexington

Officers of the Board

MATTHEW WALTON, Chairman. JOS. W. PORTER, Sec'y.
JOHN T. VANCE, Treasurer.

Executive Committee

JAMES M. GRAVES, Ch'n. JOHN T. VANCE, Sec'y.
LEONARD G. COX. WM. W. ESTILL. MATT. WALTON.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

*Burris Atkins Jenkins, A. M., D. D., *President of the University, and ex-Officio Presiding Officer of the College of Liberal Arts.*
304 West Third Street.

Thomas Benton McCartney, Jr., M. A., Ph. D., *Dean of the College of Liberal Arts, Acting-President of the University.* 409 West Fourth Street

Irene T. Myers, Ph. D., *Dean of Women.*
603 North Broadway

John William McGarvey, A. M., LL. D., *President of the College of the Bible.* 442 Fayette Park

Lyman Chalkley, LL. B., *Dean of the College of Law.*
716 East High Street

Wilbur Rush Smith, *Presiding Officer of the Commercial College.* 303 South Limestone Street

---

John William McGarvey, A. M., LL. D., *Professor of Sacred History.* 442 Fayette Park

Charles Louis Loos, A. M., LL. D., *Professor of the Greek Language and Literature.*
457 West Fourth Street

Alexander Reed Milligan, A. M., LL. D., *Professor of the Latin Language and Literature.*
376 South Broadway

---

* Resigned, October, 1906.

ISAIAH BOONE GRUBBS, A. M., *Professor of Exegesis and Church History.* 443 West Fourth Street

ALFRED FAIRHURST, A. M., *Professor of Natural Science.* 643 Headley Avenue

BENJAMIN CASSEL DEWEESE, A. M., *Professor of Exegesis and Biblical Criticism.* 629 Headley Avenue

SAMUEL MITCHELL JEFFERSON, A. M., LL. D., *Professor of Philosophy.* 645 Elsmere Park

*BURRIS ATKINS JENKINS, A. M., D. D., *Professor of Biblical History and Sociology.* 304 West Third Street.

HENRY LLOYD, B. S., *Professor of Mathematics and Astronomy.* Curry Hall

IRENE T. MYERS, PH. D., *Professor of History.* 603 North Broadway

HALL LAURIE CALHOUN, PH. D., *Professor of Hebrew and Ancient History.* 622 Headley Avenue

LYMAN CHALKLEY, LL. B., *Professor of Common and Statute Law.* 716 East High Street

HUBERT GIBSON SHEARIN, PH. D., *Morrison Professor of English Language and Literature.* 212 Rand Avenue

BUTLER T. SOUTHGATE, *Professor of the Law of Personal Property, Bills and Notes.* 166 Market Street

CHARLES KERR, *Professor of the Law of Corporations.* 658 North Broadway

---

* Resigned, October, 1906.

GEORGE S. SHANKLIN, *Professor of the Law of Real Property.* 201 East Fifth Street

WILLIAM CHARLES MORRO, B. D., PH. D., *Professor of Ecclesiastical History.* 520 West Third Street

GOTTFRIED LEHMANN, PH. B., A. M., *Professor of Modern Languages.* North Mill Street.

MATTHEW SAVAGE WALTON, A. B., B. L., *Professor of the Law of Domestic Relations.* Park Place

THOMAS BENTON MCCARTNEY, JR., M. A., PH. D., *Assistant Professor of Greek.* 409 West Fourth Street

CHARLES ALBERT SHULL, B. S., *Assistant Professor of Biology and Geology.* Hamilton College

ALICE TRIBBLE KARR, B. S., *Instructor in Mathematics.* 418 West Fourth Street

WILLIAM FRANK WYATT, A. B., *Instructor in Latin and English.* 414 Fayette Park

ROSA MAY STARRATT, A. B., *Instructor in English.* 524 North Broadway

ROBERT MILLIGAN COLEMAN, A. B., M. D., *Director of Physical Training.* 449 West Third Street

---

JOHN THOMAS VANCE, *Treasurer of the University.* 454 North Broadway

WALTER MADISON WHITE, *Secretary to the University.* 567 Elm Tree Lone

WILSON THOMAS DONALDSON, *Financial Agent of the College of the Bible.* Eminence

HUBERT GIBSON SHEARIN, PH. D., *Registrar and Recording Secretary of the College of Liberal Arts.*
212 Rand Avenue

HENRY LLOYD, B. S., *Corresponding Secretary of the College of Liberal Arts.* Curry Hall

JOHN RODERICK BRELAND, *Librarian.*
423 Fayette Park

JOHN LESLIE LOBINGIER, *Assistant Librarian.*
Davies Hall

HENRY STONE FICKLIN, *Assistant Librarian.*
417 West Sixth Street

ALFRED FAIRHURST, A. M., *Curator of the Museum.*
643 Headley Avenue

ANNIE LAURIE HENRY, *Secretary to the President.*
444 West Second Street

STANDING COMMITTEES OF THE FACULTY

On Admission and Accredited Schools—Professors Shearin, McCartney, Lehmann.

On Graduate Studies—Professors Milligan, Myers, Fairhurst, Jefferson.

On Degrees—Professors Loos, Milligan, McCartney.

On Public Entertainments—Professors Myers, Lloyd, Milligan.

On Publication—Secretary White, Dean Chalkley, Professors Shearin, McCartney.

On the Catalogue—Professors Shearin, McCartney, Morro, Mr. Wyatt.

On Athletics—Professors McCartney, Shearin, Lloyd, Dr. Coleman.

On Student Help—Professors Jefferson, Myers, Shull.

OFFICERS OF THE SOCIETY OF ALUMNI

President

HUGH MCLELLAN, A. B., '95, A. M., '97.

Vice-Presidents

MISS BETTIE BERRY, B. LIT., '97.
SAMUEL MINOR BERNARD, C. of B., '95.
JEFFERSON DAVIS CLARK, A. B., '86.

Secretary and Treasurer

MILTON ELLIOTT, JR., A. B., '98.

Executive Committee

ASHBROOK CARROLL FRANK, A. B., '98, *Chairman.*
JAMES EDWARD BASSETT.
MILTON ELLIOTT, JR., A. B., '98.
ENOCH GREHAN, A. B., '94.
JOHN THOMAS VANCE.

HISTORICAL SKETCH

Bacon College, the earliest literary institution of its grade established by the Disciples of Christ, began its first sesion in a dwelling house in Georgetown, Ky., November 14, 1836. Its first president was Elder Walter Scott, who was very soon succeeded by Elder David S. Burnet. Its charter, granted at the next session of the Legislature, was approved February 23, 1837. Among its sixteen incorporators were John T. Johnson, Philip S. Fall, John Bowman, and James Challen.

The College was removed to Harrodsburg in the summer of 1839. Beginning its first session there, again in a dwelling house, September 2, 1839, it was conducted first under Samuel Hatch, M. D., and from 1840 under James Shannon, LL. D., until insufficient means led to its suspension in 1850.

In the winter of 1855-6 Maj. James Taylor and Mr. J. B. Bowman, both of Mercer county, entered on the work of founding a university which should be the successor of Bacon College. Mr. Bowman's appeals for financial aid were successful beyond expectation, and the preparatory department was opened September 21, 1857.

An amended charater, approved January 15, 1858, in which the provisions of the first charter were greatly extended and the name of the institution was changed to Kentucky University, was accepted by the trustees of Bacon College, February 2, 1858.

The collegiate department was opened under the

presidency of Robert Milligan, A. M., September, 1859. The destruction of the college building by fire in 1864 necessitated the removal of the institution from Harrodsburg. After invitations from Louisville and Covington had been considered, an offer of the property of Transylvania Uuiversity that had been made and declined in 1860, and that was now renewed, was accepted.

Transylvania Seminary was chartered by the Legislature of Virginia in May, 1783. The first meeting of its trustees was held November 10, 1783, near Danville, Ky. Its first session began February 1, 1775. After a few years the seminary was removed to Lexington, Ky. Its first session in this place began June 1, 1789.

By an act of the General Assembly of Kentucky, approved December 22, 1798, Transylvania Seminary and Kentucky Academy were united January 1, 1799, under the name of Transylvania University.

Rev. James Moore, the last president of Transylvania Seminary, was the first president of the University. He was succeeded in 1804 by Rev. James Blythe, M. D., who was acting president until the inauguration of Rev. Horace Holley, LL. D., in 1818. The University prospered under Dr. Holley's administration, which was terminated by his resignation in 1827. In rapid succession came Rev. Alva Woods, D. D., in 1828; John Lutz, A. M., in 1831; Rev. Benjamin O. Peers, at whose inauguration, on November 4, 1833, Morrison College was dedicated; Rev. Thomas W. Coit, D. D., in 1835; Rev. Louis Marshall, D. D., in 1837; and Rev. Robert Davidson, D. D., in 1840. In 1841 the trustees entrusted the academic department to the

Kentucky Conference of the Methodist Episcopal Church. With the accession of Rev. Henry B. Bascom, D. D., LL. D., to the presidency in 1842, a great revival of prosperity began, which continued beyond the resumption of control by the trustees that followed his resignation in 1849. James B. Dodd, A. M., was acting president until the academic department was reorganized in 1856 under the presidency of Rev. Lewis W. Green, D. D., as a State school for teachers. The law department, which had boasted the names of Clay, Barry, and Robertson, had ceased to exist; with the abrogation in 1858 of the act of reorganization the academic department came to its end; the closing in 1859 of the medical, which had long been the largest of its three departments, ended the career of Transylvania University.

After an existence of sixty-six years, Transylvania University was consolidated with Kentucky University by an act of the Legislature, approved February 28, 1865, which was accepted by the Curators of Kentucky University and by the Trustees of Transylvania University.

The First Session of Kentucky University in Lexington began October 2, 1865. To the College of Liberal Arts and the Academy, which had been conducted at Harrodsburg, the College of the Bible and the College of Law were now added.

The office of regent of the university was created July 17, 1865. John B. Bowman, LL. D., the founder of the University, was elected regent, which office he held until June, 1878.

By an act of the Legislature, approved February 22,

1865, the *Agricultural and Mechanical College* of Kentucky was made one of the colleges of Kentucky University. Its first session began October, 1866. This college ceased to be a college of Kentucky University by virtue of an act of the Legislature, approved March 13, 1878.

The *Commercial College,* which was organized in the summer of 1867, was opened to students October 7 of that year.

In the summer of 1878, the last session of the College of the Bible under the charter of Kentucky University closed, and the new *College of the Bible,* which had been established in 1877, took its place. This college, organized under its own charter and in administration and control entirely independent of the University, is conducted in connection with it.

The office of regent was discontinued June 12, 1878, at which time Henry H. White, LL. D., was elected president of the University. He filled this office until on his resignation of the presidency in 1880, Charles Louis Loos, LL. D., was elected to succeed him.

In 1889 the College of Liberal Arts and the Academy were opened to young women.

In that year the University contributed to the educational exhibit that was sent by the Government of the United States to the Exposition Universelle in Paris, and in 1893 to the Kentucky exhibit of the Liberal Arts Department of the World's Columbian Exposition in Chicago. Both these contributions were honored with awards.

The department of physical culture was opened in 1894.

The College of Law, suspended in 1879 and reopened

in 1893, was suspended again in 1895, and again reopened in 1905.

The presidency of the University having again become vacant by resignation, Reuben Lindsay Cave, A. M., was, in the summer of 1897, elected to succeed President Loos.

In the autumn of that year a medical college in Louisville was made one of the associated colleges of the University. This arrangement, not proving satisfactory, was soon discontinued, and the *Medical Department* of the University was organized, which began its first session in that city January 2, 1899. This department was discontinued in 1907.

The hundredth anniversary of the opening of Transylvania University was commemorated in Morrison Chapel on the evening of January 1, 1899. The Governor of the Commonwealth was present, and the parts of an appropriate programme were borne by gentlemen who are at the head of sister institutions of learning and by prominent ministers of the Gospel.

On the resignation of President Cave, in February, 1900, Alexander R. Milligan, A. M., was appointed acting president.

Professor Milligan having asked to be relieved of the office of acting president, Burris A. Jenkins, A. M., B. D., was, in June, 1901, elected president.

In 1904 the University received a reward for its exhibits at the Louisiana Purchase Exposition in St. Louis.

The College of the Bible was opened to young women in 1904.

At the annual commencement in June, 1905, the fortieth annversary of the removal of Kentucky Uni-

versity to Lexington and its union with Transylvania University was celebrated with a great reunion of alumni. Wednesday, June 14, was devoted to anniversary exercises.

In October, 1906, ill-health, which had been increasingly recurrent for more than a year, forced President Jenkins to lay down his duties of office, so successfully performed under heavy discouragement. Thomas Benton McCartney, Jr., M. A., Ph. D., Dean of the College of Liberals Arts, was forthwith elected acting president of the University.

GENERAL INFORMATION

LOCATION

Lexington, the seat of all the departments of the University, is situated in the heart of the famous Blue Grass Region, easily accessible by interurban lines and railways. Its elevated situation, salubrious climate, and abundant supply of pure water have obtained for it a deserved reputation for healthfulness. The refinement of its citizens, its many historical associations, and the moral influence of its numerous churches further recommend it as an educational seat. The city has a population of more than thirty thousand, and in the conveniences of modern life rivals many larger places. It gives opportunities for social, musical, and literary life, which prove of great benefit to students. The surrounding country, with its old homesteads and refined rural population, cannot but influence greatly the development of young people sojourning in Lexington.

GROUNDS

The campus that is the principal site of the University contains about fourteen acres in the highest and most attractive part of the city of Lexington. Means for the purchase of about two-thirds of this large square, which is bounded by Third, Fourth, Broadway, and Upper streets, were provided by a legacy left Transylvania University in 1823 by Col. James Morrison, of Lexington. The rest of the campus was afterwards secured for that institution by Henry Clay, Dr. B. W. Dudley, Benjamin Gratz, and David A. Sayre.

BUILDINGS AND EQUIPMENT

Morrison College—Means for erecting this imposing Doric edifice were also provided by the will of Col. James Morrison. The building, which is still the principal home of the College of Liberal Arts, was dedicated with appropriate ceremonies in 1833. It contains Morrison Chapel, the offices of administration, two large society halls, the young women's rest room, and several well equipped recitation rooms. The College of Law is at present domiciled here.

East Hall—This hall, formerly called the Academy, was erected primarily for the accommodation of the Preparatory Department, but owing to the increase of the classes in the College of Liberal Arts, and the decrease in the Preparatory Department, the building is now almost exclusively used by the classes of the College of Liberal Arts.

College of the Bible—The new building of the College of the Bible is modern and commodious. Its class rooms are large, well lighted, well ventilated, and are equipped with the best modern furniture. It contains besides Milligan Chapel several recitation rooms, two neatly furnished society halls, and the Library of the College of the Bible, in which is a spacious reading room with current papers and periodicals. At present some of its recitation rooms are used by classes of the College of Liberal Arts.

Dormitories—The three dormitories, *Logan Hall, Craig Hall,* and *Davies Hall,* lodge about 100 young men. These buildings are well ventilated and well lighted with electricity. They contain a large dining hall, and are the home of the Adelphian Boarding Club, which can furnish meals to about 200 young men. These

dormitories, intended primarily for the occupancy of ministerial students, are open also to other students of the University.

Gymnasium—In recognition of the need of regular physical exercise for the students, the authorities of the University, with the co-operation of the alumni, have erected within the last few years the Gymnasium building, to which all students of the University and of Hamilton College have free access. Instruction in physical training is given regularly by competent directors.

Hamilton College—The buildings of Hamilton College are on Broadway near the campus of the University. The nearness renders it very easy for students of the College for Women to attend classes at the University. For further information see the catalogue of Hamilton College.

Law College—The classes of the Law College at present meet in Morrison College.

Commercial College — This occupies commodious rooms at the corner of Mill and Main Streets in the business center of Lexington.

Laboratories—Individual laboratory work is required in all the courses in Science—experimentation in Physics and Chemistry, dissection and work with the microscope in Biology, and identification of minerals and fossils, map-drawing, etc., in Geology. The different laboratories are adequately equipped with apparatus and material for such work. The department of Physics and Chemistry has in addition a large collection of valuable apparatus for lecture-table demonstration and special experimentation, and the department of Biology has recently added a number of high-grade microscopes.

Museum—The University Museum, containing ex-

tensive collections of zoological, geological, and mineralogical specimens, furnishes supplementary material for illustration and comparison in the work of the various sciences. The collections of birds and of fossils are particularly good. The museum will be installed in the new Science building when that is completed, where its proximity to all the laboratories will greatly enhance its value. At present the museum and laboratories are located on the first and third floors of Morrison College.

The Hospital—In case of serious illness, students may have the advantages of the Good Samaritan Hospital, in which the University has a neatly furnished room, or of St. Joseph's Hospital. Both of these hospitals are near the University.

SCIENCE BUILDING.

The new Science building, to be erected immediately, from the Carnegie and other donations, will stand on the east side of the campus, in front of East Hall and facing Broadway, thus forming another side of the contemplated quadrangle of Greek structures, similar to the present Morrison College. The new building will consist of three stories and attic over a deep basement. It will be 90 feet in length by 50 feet in breadth, of brick and local limestone, with facings of Bedford stone. A portico supported on six columns of Doric type will bring it into yet more perfect harmony with the present architectural scheme. The building will be exceptionally well lighted; it will be heated by hot-air furnaces.

The ground floor, above the basement, will contain three main chemical laboratories: one for general or-

ganic and inorganic chemistry; two others, smaller, for quantitative and qualitative analysis, respectively, besides storage and balance rooms.

The second floor will contain the following: a physical laboratory with full equipment; a class room for chemistry and physics classes, supplied with full projective apparatus for illustration of lectures; the museum with display cases for geological, archaeological, and zoological specimens.

The entire third floor is devoted to the biological sciences, and will contain a zoological laboratory with full equipment for work in histology, embryology, etc.; a botanical laboratory with full apparatus for plant-physiology, plant-histology, and microscopic anatomy; a class room, with full projective apparatus for illustration, to accommodate students in biology, physiology, and physiography.

The fourth floor will not at once be equipped fully, but will be held for the future needs of an increasing student body. Ground will be broken for the erection of the Science Hall before the close of the present session, and the new structure will be ready for occupancy during the coming session.

LIBRARY FACILITIES

The students of Kentucky University have access to the library of the College of the Bible, the old library of Transylvania University, the Carnegie Public Library, and the law library of the city of Lexington.

The library of the College of the Bible contains several thousand carefully selected volumes, among which are encyclopedias, dictionaries, atlases, and various other

reference works; also, sets of standard fiction, histories, philosophical and scientific works, bound volumes of magazines, and complete files of government publications. A number of the books of the old Transylvania University library have been placed temporarily in this collection. These consist principally of volumes of the classics and Latin theological works, such as those of Swedenborg and Calvin. There are also bound volumes of the Western Review; and volumes of pamphlets, many of them political, published at various times between the middle and the end of the eighteenth century.

This library is located in a commodious room on the second floor of the College of the Bible. A part of the large room is furnished with tables and chairs and used as a reading room for men. A small room adjoining the stacks is used as a reading room for women. On the tables are placed current numbers of the most valuable magazines and papers. The library and reading rooms are in charge of a competent librarian and two assistants. It is open to all students from 8:30 A. M. to 4 P. M.

The old library of Transylvania University is in Morrison College. This is, doubtless, one of the most valuable collections of old books in this country, and in 1825 was one of the largest and most complete libraries in the United States. It is especially rich in rare volumes of the classics, beautifully printed by some of the greatest publishers of the sixteenth and seventeenth centuries. Among these may be mentioned: Isaac Casaubon's "XV Books of Reflections on the Deipnosophistae of Athenaeus," published in 1600 and dedicated to Henry of Navarre; the works of Hippocrates with

commentary by Galen, published in 1649; the works of Diogenes Laertius, published in 1594 and dedicated to Philip II of Spain; the works of Dion Cassius, 1591, and an edition of the Greek Orators, 1575, both published by Henry Stephanus; an edition of Thucydides in the original with notes in Greek, published in 1564. The library contains many old scientific works which are very valuable for original study of the development of scientific thought. Many of these are first editions of epoch-marking books. Some of them are the works of Priestly, Dalton, Boyle, Haller, Cuvier, Guy Lussac, Lyell, and Lamarck.

THE CARNEGIE LIBRARY

The Carnegie Public Library is a handsome building on what was once a part of the college campus, and is within a stone's throw of Morrison College. It contains about 25,000 volumes. On the open reference shelves are all the best encyclopedias, dictionaries of the English and foreign languages, classical, historical, and philological reference works, and bound volumes of magazines. In the stack rooms are hundreds of volumes of standard fiction, and the best in special, scientific, philosophical, and general literature. All privileges of the library and reading room are accorded to students under the usual conditions. The library is open from 9 A. M. to 9 P. M.

ORGANIZATION

The University comprises five colleges and a preparatory department:

1. The College of Liberal Arts.
2. The College for Women, in Hamilton College.

3. The College of the Bible.
4. The College of Law.
5. The Commercial College.
6. The Preparatory School.

The colleges are divided into departments of instruction, each of which is under the immediate direction of a professor, who is assisted, when necessary, by competent instructors.

Detailed information is given below concerning the departments of the University in their order.

RECIPROCAL PRIVILEGES

Matriculates of the College of Liberal Arts have the privilege of attending, without additional charge, classes of the College of the Bible and the Preparatory School. Matriculates of the Colleges of the Bible and of Law, as also matriculates of the Commercial College after the completion of their business course, have a like privilege of attending classes of the College of Liberal Arts and the Preparatory School.

PROVISION FOR YOUNG WOMEN

With the exception of Hamilton College, all the departments of the University are open both to men and women. The young women of the College of Liberal Arts are under the special care of the Dean of Women, Dr. Irene T. Myers. Their boarding places are chosen subject to her approval, and she is in touch with them in their various college activities.

Young women who wish to enter the College of Liberal Arts, and have not yet been adequately prepared to do so, may make up their conditions at Hamilton Col-

lege, or in the Preparatory School of the College of Liberal Arts.

HAMILTON COLLEGE

This institution for the education of young women passed under direct control of Kentucky University in 1903. This does not, however, mean that Hamilton College is co-educational. Its policy remains the same as formerly so far as regards the seclusion of its students. Its standards of scholarship have been raised until its certificate now admits students without examination to Wellesley and other colleges of similar grade.

It has been arranged that young women who wish to enter Kentucky University can take, in addition to their preparatory work, certain advanced courses in this college, upon completion of which they may be admitted to advanced standing in the College of Liberal Arts.

DEGREES AND DIPLOMAS

Bachelor of Arts. Students who complete satisfactorily the Classical or the Literary Course in the College of Liberal Arts will be graduated with the degree of Bachelor of Arts.

Bachelor of Science. Students who complete satisfactorily the Scientific Course in the College of Liberal Arts will be graduated with the degree of Bachelor of Science.

Master of Arts. Students who have received a baccalaureate degree from the College of Liberal Arts or from an institution of equal grade, and who, as resident students, have completed to the satisfaction of the faculty at least one year of graduate work, may receive the degree of Master of Arts.

Bachelor of Laws. Students of the College of Law who have pursued a course of study with satisfaction to the law faculty, and who have passed the required examinations, are graduated with the degree of Bachelor of Laws. For detailed information see under the announcement of the College of Law.

The College of the Bible confers no degrees, but grants two diplomas on the completion of certain required courses. Detailed information as to these courses and diplomas is found in the part of the catalogue devoted to the College of the Bible.

THE COLLEGE YEAR

The session of the College of Liberal Arts, the College of the Bible, and the Preparatory School begins on the second Monday of September; that of the College of Law on October the first. The session of the Commercial College continues through the calendar year.

Every session of the College of Liberal Arts, the College of the Bible, and the Preparatory School is divided into two semesters; that of the College of Law is divided into three terms. The exact divisions of the session of 1907-8 are given in the Calendar that occupies page four of this catalogue.

The Commencement of the College of Liberal Arts is on the second Thursday in June; that of the College of Law, on Wednesday next preceding; that of the College of the Bible, on Tuesday next preceding.

GOVERNMENT AND DISCIPLINE

The government of the University, directed by the presiding officers and professors, who treat the students as friends, aims to maintain such a discipline as will

conduce to the good order and prosperity of the institution.

Every matriculate is required to abstain from whatever is inconsistent with good order, good taste, and good morals; and to observe faithfully the by-laws adopted by the faculties for the government of students. The discipline is parental and is administered not with severity but with strictness.

This kind of government has borne its good fruits. The University enjoys an enviable reputation for the excellent character of its students and for the general good order pervading it. In these respects it may invite comparison with any other institution of its class.

THE HONOR SYSTEM

Four years ago the students of the College of Liberal Arts formally adopted the honor system in examinations and all written tests. The purpose of this action was to express their willingness to relieve the faculty of responsibility and discipline in the case of a student found guilty of using unfair means in examination.

The resolutions passed by the students in mass-meeting are substantially as follows: That cheating in examinations and written tests is dishonorable and disgraceful; that the case of any student suspected of cheating shall be investigated, and, if found guilty, he shall be asked to withdraw from the College; that the committee of investigation shall consist of the presidents and secretaries of the different classes, and a chairman elected by the student body for one year.

The following pledge is signed by each student in each examination: "I affirm upon my honor that I

have neither received nor given assistance on this examination."

It is for a violation of this pledge that a student is prosecuted before the committee of investigation. As the students voluntarily assumed this duty, it is confidently believed that they will continue faithfully to execute it. Proper effort is made to protect students from temptation to violate their pledges.

Other colleges of the University have also formally adopted the honor system. The spirit of truth and honor thus fostered in the examination room is pervading every phase of student life.

MATRICULATION

A student, upon his arrival, should report promptly to the president of the University, or to the presiding officer of the college in which he proposes to matriculate, and present his testimonials of character and standing. After having satisfied the conditions of entrance he is registered as a student of the University by the secretary, who issues to him a matriculation card to be signed by the president, and, after the payment of the matriculation fees, by the treasurer of the University. He then, in consultation with the registrar or presiding officer of his college, selects the course of study that he expects to pursue. After visiting the professors whose classes he wishes to enter and receiving their signatures on the card, he returns it to the secretary, and, if he is a matriculate in the College of Liberal Arts, the secretary issues to him a class card that entitles him to attend classes and lectures. Upon entering any class the student must immediately present his card to the

professor in charge. No student may attend classes or lectures until these conditions are complied with.

The first three days of the session are devoted to the entrance examinations and the organization of classes. Every student who intends to matriculate should, therefore, be present on the first day of the session.

He should, as early as practicable, select a suitable place for boarding and lodging, and without delay notify the president or the secretary of the place selected. Information regarding rooms and board may be obtained at the president's office.

CLASS ATTENDANCE

Before any student can begin his work he must consult the dean as adviser. The approval of the dean or the presiding officer is necessary before the student can enter upon any course of study

No student is permitted to take work that requires him to spend less than 12 hours a week at lectures or recitations, nor, except by special permission, more than 20 hours. This does not apply to students who, by arrangement with the faculty, enter the University to do special work.

Whenever admission to a class is on conditions it is the duty of the student to remove those conditions as soon as possible. Once admitted, he should attend faithfully to his college duties until the close of the session or until information concerning his withdrawal has been given to the president by the person under whose care the student is. Parents, guardians, and students that are of age are requested to give such information promptly.

No student is permitted to withdraw from a class

without the consent of the professor in charge. In case of withdrawal, the student must take his matriculation card to the professor, who removes his own name from the card, which is then returned to the president's office.

Unexcused absences from recitations and regular class exercises during the term, or from examinations at the end of the term, lower the estimates of conduct and either lower or entirely prevent estimates of scholarship.

The studies that are required for admission to the several departments of the College of Liberal Arts are given under Requirements for Admission. For each course satisfactory equivalents may be offered.

EXPENSES

FEES

COLLEGE OF LIBERAL ARTS

Matriculation and Tuition—For a session: matriculation, $25.00; tuition, a tuition coupon or $5.00. If payment is made by the semester, $16.00 for each semester. Students having half their work in the College of Liberal Arts and half in the College of the Bible, may matriculate in either college.

Laboratory—Chemistry, $3.00 for chemicals, and a deposit of $2.00 to cover damage to apparatus; Physics, $2.00; Zoology, $2.50; Botany, $2.50; Physiology, $1.50.

Graduation—Bachelor's degree, $10.00; master's degree, $10.00; certificate from any one department, $3.00.

All fees are required in advance, and no fee will be refunded.

COLLEGE OF THE BIBLE.

Tuition—For a session, $30.00; if payment is made by the semester, $16.00 for each semester. Students having half their work in the College of the Bible and half in the College of Liberal Arts, may matriculate in either college.

Graduation—Diploma, $5.00.

All fees are required in advance, and no fee will be refunded.

COLLEGE FOR WOMEN

For detailed information as to fees and other expenses, address the President of Hamilton College, Lexington, Ky.

COLLEGE OF LAW

Matriculation and Tuition—For a session, $80.00; for a single term, $30.00. The fees for special students attending the Senior class are $110.00.

Fees are payable, one-half on entrance and one-half on February 1st.

COMMERCIAL COLLEGE

Merchant's course, $35.00; full diploma, $55.00; shorthand, $35.00; typewriting, $20.00; shorthand and typewriting, $50.00.

PREPARATORY SCHOOL

Matriculation and Tuition—For a session: matriculation, $25.00; tuition, a tuition coupon or $5.00. If payment is made by the semester, $16.00 for each semester.

Laboratory—Physiology, $1.50.

ROOMS AND BOARD

Students who wish to board at any one of the dormitories should make their wishes known before coming to Lexington. This may be necessary in order to secure a room. As a member of one of the boarding clubs, a student may obtain board at $1.75 a week. Lodging for two students in a room may be had at from $2.00 to $3.00 a month. In families, the weekly cost of boarding, fuel, light, and the use of furnished rooms, varies from $2.50 to $5.00.

A student may select his house for boarding and lodging, subject in all cases to the approval of the presiding officer of his college. He may not, however, board or lodge in any house in which the rules of good order and decorum are, in any respect, disregarded.

Information in regard to boarding places will be furnished to students at the president's office.

SOURCES OF AID TO STUDENTS

Many of the students enrolled in the University make a part of their expenses during the school year, and not a few find work enough to pay the entire cost of schooling. To young men of small means who find it necessary to work their way through college, Lexington affords many opportunities. Some defray their expenses by preaching to congregations within easy reach of Lexington, some by tutoring, some by stenographic work, some by carrying daily papers, or by other employment. The demands for such employments always exceed their number. The University does not supply means for defraying expenses.

Information in regard to securing employment, or in regard to securing assistance from the scholarship

funds will be cheerfully given to students who apply by letter or in person to the President.

SCHOLARSHIPS

Endowed.

The Executive Committee of the College of Liberal Arts will grant to any individual or company of individuals, who give as much as two thousand dollars to the endowment funds of the University, the privilege of establishing and naming a perpetual scholarship in the College of Liberal Arts or in the Preparatory School. It is expected that many beneficent persons will make such donations.

THE WILLIAM TEMPLE WITHERS SCHOLARSHIPS—Three scholarships are annually awarded upon funds given by Mrs. Martha S. Withers in memory of her husband.

THE MARY GARTH SCHOLARSHIP.

THE JAMES AND MARGARET YORK SCHOLARSHIP.

THE CHARLES ALLEN THOMAS SCHOLARSHIP.

THE BYRON MCCLELLAND SCHOLARSHIP.

THE SAMUEL MARTIN SMITH SCHOLARSHIP.

THE VINE STREET CHRISTIAN CHURCH, NASHVILLE, TENN., SCHOLARSHIP.

THE MARIA FARNSWORTH SCHOLARSHIP.

THE NELSON PREWITT VAN METER SCHOLARSHIP.

THE LINDEN STREET CHRISTIAN CHURCH, MEMPHIS, TENN., SCHOLARSHIP.

THE MARTHA BELLE FIFE SCHOLARSHIP.

SPECIAL

The honor graduate of any of the accredited schools may, upon application, be awarded a scholarship in the College of Liberal Arts.

MORAL AND RELIGIOUS CULTURE

On every recitation day of the College of Liberal Arts, of the College of the Bible, of the College of Law, and of the Preparatory School, chapel exercises are held in Morrison and Milligan Chapels. The professors are present, and attendance on part of the students is obligatory. The services are conducted by members of the faculties and by invited ministers of the gospel. Addresses are delivered from time to time in the separate chapels and whenever a joint service of the colleges of the University is held in Morrison Chapel.

Every student is expected to attend religious worship in some church on Sundays. Many students are regularly present at week-day prayer-meetings, and many are members of Bible classes that look especially to their religious and spiritual instruction and training.

The Bible in English and in the original tongues is a text-book in the University.

CHRISTIAN ASSOCIATIONS

There is in the College of Liberal Arts a Young Men's Christian Association, which meets regularly once a week, and which does much for the religious development of the students of this College.

The College of the Bible, in like manner, has its own Young Men's Christian Association, with comfortable rooms in Logan Hall.

There is also a Young Women's Christian Association which holds regular meetings in the young women's study hall in Morrison College. These assbciations have all been unusually successful during the past year and are of very great value to the University.

Not far from the University is the handsome building of the Young Men's Christian Association of Lexington. This building is admirably equipped with every modern convenience—baths, club rooms, swimming pool, gymnasium, library and reading rooms. A special rate of $4.00 for six months is made to the students.

CHRISTIAN MISSIONS

A mission study class is maintained under the direction of the Student Volunteer Band, and is open to all members of the University. A thorough study of all the fields of the world is made, and conferences as to methods of work are held. Returned missionaries are frequently entertained by the class, and their knowledge and advice has been found most valuable.

SOCIAL LIFE

Kentucky University, as a co-educational institution, seeks to provide college life of such a character as to fit young men and women for the social world in the largest sense of that term. It hopes to supply an atmosphere in which manly and womanly characters may develop fully and naturally. The discipline is such that each individual bears the responsibility of self-control, demanding the right exercise of judgment. At the same time the student is not left without the friendly direction, suggestion, and correction, when necessary, of older and wiser heads who have his interest closely at heart. The students meet frequently at public functions, athletic, musical, and literary, and also at frequent intervals in purely social events, either in the college halls, or in the homes of the President and professors. The best of the social life of Lexington is also possible for students of the institution.

LITERARY SOCIETIES

The Literary Societies of the College of Liberal Arts are four: the Cecropian and the Periclean for men, the Alethea and the Cornelia for women; of the College of the Bible, three: the Philothean and the Phileusebian, for men, the Theosebian for women. They have their halls and libraries, and their regular exercises add to the facilities afforded for the practice in composition, elocution, and discussion.

ORATORICAL CONTESTS

In 1886 an organization was entered into by the leading colleges of Kentucky for the promotion of oratory among the students of those colleges. This organization is known as the Kentucky Intercollegiate Oratorical Association, and embraces the following colleges: State College, Central University, Georgetown College, Kentucky Wesleyan College, and Kentucky University. Representatives are chosen each year by these colleges who meet in final contest at some time in April. The contestant receiving the highest average for thought, composition, and delivery is awarded a gold medal as a prize.

A contest between the societies of the College of Liberal Arts is held each spring to select a student to represent the University in the Southern Intercollegiate Oratorical Contest, which usually takes place in May. In this contest are representatives from the University of Texas, University of Virginia, Vanderbilt University, University of the South, University of North Carolina, Georgia School of Technology, and Kentucky University. A prize, the value which varies from $50.00 to $125.00, is awarded to the successful contestant.

DECLAMATORY CONTESTS

In January of each year the societies of the College of Liberal Arts select by contest a representative to meet the representatives from Kentucky Wesleyan College, Georgetown College, State College, and Central University in a declamatory contest. This contest is held at one of the colleges mentioned, and the successful contestant receives a $25.00 gold medal as a reward.

KENTUCKY INTERCOLLEGIATE DEBATING ASSOCIATION

The Kentucky Intercollegiate Debating Association organized in 1906, is composed of literary societies of Georgetown College, State College, Kentucky University, and Central University. Its purpose is to discuss in public leading questions of the day, and in this way develop ready and useful speakers.

The four colleges are arranged in two groups for the semi-final debates, which are held in the latter part of the school year. Three representatives from each college participate in the debates.

In the spring of the following year two final debates are held, one between representatives from the colleges in the winning group, one between representatives from the colleges in the losing group.

To encourage the interest in debating, six medals are given each year, one to each representative of the winning groups.

LECTURES AND ENTERTAINMENTS

Open sessions are held by the societies during the year, to which the students and the public are invited.

On the second Friday of each December the annual debate takes place between the Cecropian and Periclean Societies.

Several lectures are given each session by men eminent in their profession. These lectures are always on subjects of special interest to students. Readings and musical entertainments are given by the best talent obtainable. From time to time, also, prominent almuni, professors, or distinguished guests of the University are invited to give lectures open to the public and to the student body.

The Choral Society, which is composed of instructors and students of the University and Hamilton College, is under the supervision and direction of the Department of Music of Hamilton College. This society affords an excellent opportunity for the development of taste for the best music. Concerts and recitals are given during the session, to which the public is invited.

Other entertainments are given during the year by various student organizations.

PUBLICATIONS

The Bulletin, containing announcements and matters of general information, is published quarterly by the University. The Annual Catalogue is one number of the Bulletin.

The Transylvanian, issued monthly, is a literary magazine published by the Literary Societies of the University.

The Crimson is the University Annual and is published by the graduating classes of the University.

The K. U. News, published weekly by the students, is the repository of college announcements and items of current interest.

PHYSICAL TRAINING

Systematic physical training is provided in a hand-

some and well-arranged gymnasium, which is equipped with suitable apparatus, lockers, and baths. Under a competent director, it has proved a valuable addition to the facilities afforded by the ample campus of the University for promoting the health and physical development of the students. The gymnasium is reserved on Mondays and Thursdays for the use of the young women of the University and of Hamilton College. The exercises consist of class drills, indoor tennis, and basket ball.

The gymnasium is under the supervision of the faculty of the College of Liberal Arts, and is open to matriculates of that college, the College of the Bible, the College of Law, and the Preparatory School.

Every matriculate of those colleges is required to take regular exercise in the gymnasium at least twice every week, unless excused by the presiding officer of the college in which he is matriculated.

ATHLETICS

The Kentucky University Athletic Association is made up from the various colleges of the University, and has for its object the promotion of clean, manly sport in the institution. It is under the control of an athletic council, consisting of two members of the Faculty, two alumni, and four students, and acts in accordance with rules adopted by the Faculty and approved by the Board of Curators. Only *bona fide* matriculates are permitted to represent the institution in foot ball, base ball, and other field contests. All students are expected to assist in maintaining the good reputation of the University in all athletic contests. An excellent field on North Broadway, within ten minutes walk of the

campus, has been provided by the Curators for the use of the various athletic teams.

THE SOCIETY OF ALUMNI

The purpose of this society is to foster a spirit of fraternity among the graduates and other former students of the University, and to unite them in an effectual and cordial support of the institution. Any graduate of Bacon College, Transylvania University, or Kentucky University that has maintained a good moral character may become a member. Under-graduates who attended through two former sessions are eligible to associate membership after one year's absence. The erection of the gymnasium in 1894 and the refurnishing of Morrison Chapel in 1897 were due mainly to the efforts and contributions of members of this society. The annual meeting for the transaction of business of this society is held in Morrison Chapel the afternoon before the Commencement Day of the College of Liberal Arts. A banquet in the gymnasium immediately after the Commencement exercises of that college is the occasion of pleasant reunions and first meeting of earlier and later students brought together by their interest in their common alma mater.

BEQUESTS

General or special forms of bequest will, upon application, be sent to such friends of the University as may desire to remember it in their wills. There is no better method of perpetuating a name than by the endowment of a chair or a scholarship in an institution of learning.

INFORMATION

Further information may be obtained by addressing the President, at Lexington, Kentucky.

COLLEGE OF LIBERAL ARTS

FACULTY

Burris Atkins Jenkins, A.M.,D.D.,Presiding Officer.*

Thomas Benton McCartney, Jr., M. A., Ph. D., Dean, and Assistant Professor of Greek.

Charles Louis Loos, A.M., LL.D., Professor of Greek.

Alexander Reed Milligan, A. M., LL. D., Professor of Latin.

Alfred Fairhurst, A. M., Professor of Physics and Chemistry.

Samuel Mitchell Jefferson, A.M., LL.D., Professor of Philosophy.

Henry Lloyd, B. S., Professor of Mathematics.

Irene T. Myers, Ph. D., Professor of History.

Hubert Gibson Shearin, Ph.D., Professor of English.

Gottfried Lehmann, Ph. B., A. M., Professor of Modern Languages.

William Charles Morro, B. D., Ph. D., Professor of Sociology.

Charles Albert Shull, B. S., Assistant Professor of Biology.

William Frank Wyatt, A. B., Instructor in English.

Robert Milligan Coleman, A. B., M. D., Physical Director.

---

* Resigned, October, 1906.

REQUIREMENTS FOR ADMISSION

Every applicant for admission to the College of Liberal Arts must present satisfactory evidence of good moral character; and, if he has been connected with any other college or school, a certificate of honorable dismission therefrom.

In order to be enrolled as a matriculate of the College, the student must be at least fifteen years of age, and must be a member of two or more of its classes. The latter condition may be waived, in case of special students, upon recommendation of the dean and the approval of the president.

For admission without condition the applicant must show by examination or by presentation of approved certificates, that he has completed the requirements for admission to one of the courses leading to a baccalaureate degree. These requirements are stated in units. A unit is the equivalent of a course of study covering a school year of not less than thirty-five weeks, with four or five (preferably five) periods of at least forty-five minutes each per week. The total requirement for each Course is fifteen units, as set forth below.

The following twelve units are required for admission to each of the three courses leading to a baccalaureate degree:

Latin	3 units
English	3 units
Mathematics	3 units
History	2 units
Science	1 unit
	12 units

Besides these twelve units, three additional units must be offered as follows:

For the Classical Course—Group I.

Latin	1 unit
Greek	2 units
	3 units

For the Literary Course—Group II.

Latin	1 unit
Modern Language	2 units
	3 units

For the Scientific Courses—Group III, A, B, and C.

Modern Language	2 units
Elective	1 unit
	3 units

ADMISSION BY EXAMINATION

Students who do not present approved certificates showing that they have completed satisfactorily all the requirements for admission, must stand an entrance examination before they can be admitted to any college class. The first three days of the session are devoted to the examination and classification of students. It is, therefore, important that the applicant for admission shall be present on the first day of the session.

ADMISSION BY CERTIFICATE

Students who present certificates of work done in schools of approved standing and covering the entrance requirements are admitted to the College without examination.

Admission by certificate is in all cases provisional: the student is admtted *on trial* to the classes for which his former studies and the certificate of the school indi-

cate that he is prepared. The trial, which may in each class continue through one term, ends whenever the instructor is satisfied either that the student is entitled to regular standing or that he is not adequately prepared for the class. If a student fails in any subject in the College that depends upon a subject for which a certificate has been accepted, the credit for that entrance subject may be cancelled. Certificates from schools whose students prove to be imperfectly fitted will ultimately not be considered.

Applicants for admission who expect to enter without examination should present on blanks furnished for this purpose specific statement of the work that has been done, giving details of subjects taken, authors read, the text-books used, and the dates of examinations. These certificate blanks upon which entrance credits are to be granted must be signed by the principal or instructors of the school in which the work was done, and should be in the hands of the president sometime before the opening of the session.

ADMISSION ON CONDITION

Candidates for admission and schools preparing students for entrance to the College should understand that it is the purpose of the faculty to enforce fully and rigorously the requirements for admission as stated above. Since, however, these requirements are more exacting than those of most of the colleges in Kentucky and the South, and since many schools and academies in the territory naturally tributary to Kentucky University are not as yet adequately prepared to fit their graduates for entrance in all subjects, the faculty will for the present admit on condition, candidates who secure credit for

twelve out of the fifteen entrance units. These three units can be made up and the condition removed by the end of the sophomore year.

ACCREDITED SCHOOLS

The graduates of such schools as are already accredited are permitted to enter the College without examination, and a free scholarship exempting from fees for matriculation and tuition is offered to the honor graduate of any accredited school.

A list of these schools is being prepared, and as soon as completed will be furnished on application. The University desires to extend this list. Correspondence from principals or superintendents desirous of affiliation is solicited.

ADVANCED STANDING

Applicants for a baccalaureate degree coming from other colleges and universities may, in the discretion of the faculty, be admitted to advanced standing in the College and given credit for the work done elsewhere. To receive credit towards advanced standing, application should be made at the time of matriculation or earlier. Explicit statements, duly certified upon blanks furnished for the purpose, of the work that has been done should be submitted, indicating both the subjects studied in satisfaction of entrance requirements, and the courses completed in college. These blanks may be obtained upon application.

DESCRIPTION OF COURSES

GREEK

Two Units

I. (a) Grammar: a thorough familiarity with the forms and fundamental rules of syntax is required. Particular attention should be given to the correct writing of Greek with the accents, to exercises written and oral, and to the use of the blackboard for constant practice on forms and constructions. The Grammars of Goodwin, Hadley-Allen, and Babbitt are recommended. (b) Prose Composition: Pearson's Prose Composition, or an equivalent. The candidate must be able to translate into Greek simple prose based on passages from the Anabasis. *One unit.*

II. Reading: Xenophon, Anabasis, four books. The candidate must be able to translate at sight passages of average difficulty from Xenophon or other Attic prose. *One unit.*

LATIN

Four Units

I. (a) Grammar: thorough familiarity with the forms and fundamental rules of syntax. The Grammars of Allen & Greenough, Harkness, and Bennett are recommended. (b) Prose Composition: Arnold's Prose Composition, or an equivalent. The candidate should be able to translate into Latin simple prose based on Caesar and Cicero. *One unit.*

II. Caesar, Gallic War, four books. For two books of Caesar an equivalent from Viri Romae or Nepos may be substituted. *One unit.*

III. Cicero, six orations. *One unit.*

IV. Virgil, the Aeneid, four books. *One unit.*

ENGLISH

Three Units

Preparation for the three entrance units in English should include:

(a) Careful and prolonged training in grammar and composition. No student will be retained in the college classes whose written work proves to be seriously defective in spelling, punctuation, grammar, use of words, or structure of sentences and paragraphs.

(b) A general knowledge of the subject-matter of the books listed below. The student should be able to state the leading thoughts of an essay, to tell the main incidents, sketch the principal characters, and describe the striking scenes of a poem or novel. He should also know something of the life and time of each author.

In 1907 and 1908 the books for general study are: Shakespeare's Macbeth and Merchant of Venice; The Sir Roger de Coverley Papers in The Spectator; Irving's Life of Goldsmith; Coleridge's The Ancient Mariner; Scott's Ivanhoe and The Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

In 1909, 1910, 1911:

Group 1. Select two.

Shakespeare's As You Like It, Henry Fifth, Julius Caesar, The Merchant of Venice, Twelfth Night.

Group 2. Select one.

Bacon's Essays; Bunyan's Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in The Spectator; Franklin's Autobiography.

Group 3. Select one.

Chaucer's Prologue; Spenser's Faerie Queene, selections; Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury, First Series, Books 2 and 3, with especial attention to Dryden, Collins, Gray, Cowper, and Burns.

Group 4. Select two.

Goldsmith's The Vicar of Wakefield; Scott'sIvanhoe; Scott's Quentin Durward; Hawthorne's The House of Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group 5. Select two.

Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays, selected; Ruskin's Sesame and Lilies.

Group 6. Select two.

Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Macauley's Lays of Ancient Rome; Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Lowell's The Vision of Sir Launfal; Poe's Poems; Longfellow's The Courtship of Miles Standish.

(c) A particular knowledge of the following books, including subject-matter, structure, versification, development of characters, meaning of words and allusions.

In 1907 and 1908 the books for detailed study are: Shakespeare's Julius Caesar; Milton's Comus, L'Allegro, Il Penseroso, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essay on Addison, and Life of Johnson.

In 1909, 1910, 1911: Shakespeare's Macbeth; Milton's Comus, L'Allegro, Il Penseroso, and Lycidas; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

FRENCH

Two Units

I. Pronunciation; elementary grammar, including inflection of the regular and the more common irregular verbs, plural of nouns, inflection of adjectives, the use of the pronouns, common adverbs, prepositions and conjunctions, word order, and the fundamental rules of syntax; abundant easy exercises; dictation, and reproduction from memory of sentences from texts. The reading of 150-200 pages of graduated texts. *One unit.*

II. Constant practice in translation; abstracts of the text; continuation of the study of grammar, frequent written exercises; dictation. The reading of 250-400 pages of modern prose and poetry. *One unit.*

GERMAN

Two Units

I. Pronunciation; elementary grammar, including the inflection and use of the article, commonly used nouns, adjectives, pronouns, weak verbs and more usual strong verbs, the common prepositions, the uses of modal auxiliaries, word order, and the fundamental rules of syntax; abundant easy exercises, and reproduction from memory of sentences from texts. The reading of 150-200 pages of graduated texts. *One unit.*

II. Continued drill in grammar and in prose compo-

sition; study of the less usual strong verbs, the use of cases, tenses and moods (particularly the infinitive and subjunctive), word order and word formation. The reading of about 400 pages of prose and poetry. *One unit.*

HISTORY

Two Units

I. Ancient History to the time of Charlemagne. The Orient, Greece, and Rome; the Teutonic infusion. *One unit.*

II. The History of England and of America. *One unit.*

The student should be drilled in the use of reference books, and frequent special reports should be required of the classes and of individual members. The following text-books are recommended: West's or Myers' Ancient History, Larned's Histories of England and the United States.

MATHEMATICS

Three and one-half units

1. Algebra: The fundamental operations; factors; common divisors and multiples; fractions; powers and roots; the theory of exponents; simple equations containing one or more unknown numbers with application to problems; radicals and equations involving radicals; quadratic equations; equations in the quadratic form; ratio and proportion; variation; inequalities; indeterminate equations; arithmetical, geometrical and harmonical progressions; binominal theorem for positive integral exponents; logarithms.

The last year of the preparatory course should include

a review of Algebra in which especial attention is given to the enlargement of the number concept in Arithmetic and Algebra; ready writing of powers, products and quotients; extraction of roots; rapid factoring; solution of quadratic equations by factoring, the use of factoring in solving systems involving quadratic and higher equations. *Two units.*

III. Plane Geometry, as presented in the text of Beman and Smith, or an equivalent. Special attention should be given to the exercises. *One unit.*

IV. Solid Geometry, as presented in the text of Beman and Smith, or an equivalent. Special attention should be given to the exercises. *One-half unit.*

SCIENCE

The unit of science recommended consists of one-half unit of Physiology and one-half unit of Physiography. Reasonable substitution of work in Chemistry, Physics, Botany, or Geology will be permitted provided the student presents evidence of having taken a sufficient amount of laboratory or practical work. In no case will grade work in any science be accepted for this requirement, nor will text work alone satisfy it. The candidate for admission who is conditioned in science will take the courses in Physiology and Physiography in the Preparatory School.

PHYSIOLOGY.—A laboratory course extending through at least a half year, supplemented by lectures and demonstrations. The text recommended is Hough & Sedgwick's Human Mechanism. *One-half unit.*

PHYSIOGRAPHY.—A study for at least a half-year of the fundamental physiographic processes, and of the

agents which produce topographic features. The study of topographic maps and the preparation of section drawing, with other laboratory exercises, should be made a prominent feature of the course. *One-half unit.*

PHYSICS.—A course extending through one year. About half of the course should be devoted to laboratory work, and the student's note-book should record the experiments performed by himself. Millican & Gale's First Course in Physics, Gage's Elements, or Carhart & Chute's Elements will suggest the scope of the course. *One unit.*

CHEMISTRY.—A course extending through one year. About half of the course should be devoted to laboratory work, and the student's note-book should contain a careful record of the work which he has done. Smith's General Inorganic Chemistry, Remsen's Introduction to the Study of Chemistry, or Newell's Descriptive Chemistry will suggest the scope of the course. *One Unit.*

BOTANY.—A half-year course. The laboratory work should include experiments in plant physiology and the study of the morphology and life history of examples representing the algae, fungi, liverworts, mosses, ferns, and flowering plants. The note-book should contain a record of the experiments and careful drawings of the types studied. The manuals of Bergen, Coulter, and Atkinson will show the scope of the course. *One-half unit.*

ZOOLOGY.—A half-year course. The applicant must have studied by direction and must present drawings of at least six of the following types: a protozoon, a sponge, an echinoderm, an annelid, a crustacean, an insect, a mollusk, a fish, an amphibian.

GEOLOGY.—A half-year course. Le Conte's Compend or Brigham's Geology will indicate the amount and character of the work. As much field and laboratory work as possible should be done, especially in the study of the common minerals and rocks, map drawing, fossils, problems of faulting and folding, etc. A record both of the field and laboratory work performed by the pupil must be presented. *One-half unit.*

REQUIREMENTS FOR GRADUATION

A student may obtain a degree in the College of Liberal Arts on the following conditions:

1. That he shall have completed the requirements for such degree, as stated below.

2. That, for at least one year before graduation, he shall have pursued in residence work leading to the degree.

3. That he shall have observed all regulations of the University.

COURSES FOR DEGREES

The College of Liberal Arts offers to undergraduates three courses of study: the Classical Course and the Literary Course, which lead to the degree of Bachelor of Arts; and the Scientific Course, which leads to the degree of Bachelor of Science. Each of these courses extends through four years. They are substantially equivalent in the amount and exactness of the training and instruction afforded, but differ in the character of their training. In each of the courses most of the sub-

jects in the first three years are required. The work of the fourth, or senior, year is largely elective. In addition to the year of science offered for entrance, one year and a half of science is required for any degree. To satisfy this requirement, the student may select any courses for which he is fitted, with the restruction that part of the work must be done in Physics or Chemistry and partin Biology or Geology.

The CLASSICAL COURSE comprises the studies tabulated in Group I below. It requires the study of Greek for two years, and of Latin for one year.

The LITERARY COURSE comprises the studies tabulated in Group II below. It differs from the Classical Course mainly in substituting for Greek two years of French and of German.

The SCIENTIFIC COURSE, tabulated in Group III, aims to give fundamental training in mathematics and in the natural sciences. To this end, three groups are arranged as tabulated on page 58: in sub-group A, Mathematics is the major study; in sub-group B, Chemistry; in sub-group C, Biology.

For more detailed information than is here given as to the character of work in each course, see under Departments and Courses of Instruction.

TABULATION OF REQUIREMENTS

GROUP I

FRESHMAN YEAR

First Semester		Second Semester	
Greek A	5	Greek A	5
Latin A	4	Latin A	4
English A	5	English A	5
*Biblical Literature	4	*Biblical Literature	4
	18		18

SOPHOMORE YEAR

Greek B	4	Greek B	4
Mathematics A	5	Mathematics A	5
History A	3	History A	3
Science	5	Science	5
	17		17

JUNIOR YEAR

English B	3	English B	3
Philosophy A	5	Philosophy A	5
Sociology	1	Sociology	1
Mathematics B1	4	Science	5
History B1 (see p. 74)	3	Elective	3
	16		17

SENIOR YEAR

Philosophy B1 [5](see p. 85), or elective	3	Philosophy B2 [5](see p. 86), or elective	3
Elective	12	Elective	12
	15		15

ELECTIVES IN GROUP I

To meet the thirty elective credits tabulated above, studies are to be chosen from the following departments as indicated:

---

* Ministerial students may substitute for this course the corresponding course in the College of the Bible.

First Semester	Credits	Second Semester	Credits
Greek C, D	3	Greek C, D	3
Latin B, C	3	Latin B, C	3
English C, D, E	3	English C, D, E	3
German A, B, C	3	German A, B, C	3
French A, B, C	3	French A, B, C	3
History B1 (see p. 74), C. D	3	History B2 (see p. 74), C, D	3
Mathematics C, D, E	3	Mathematics B2, C, D, E	3
Astronomy	2	Astronomy	2
Physics A (see p. 80)	3	Physics A (see p. 80)	3
Chemistry B(see p. 80), C, D	3	Chemistry B(see p. 80), C, D	3
Biology A(see p. 82), B, C, D	3	Biology A(see p. 82), B, C, D	3
Philosophy B1 (see p. 85), C	3	Philosophy B2 (see p. 86), C	3
Hebrew	3	Hebrew	3
Biblical Criticism	3	Biblical Criticism	3

GROUP II

FRESHMAN YEAR

First Semester		Second Semester	
German B	3	German B	3
Latin A	4	Latin A	4
English A	5	English A	5
Science	5	Science	5
	17		17

SOPHOMORE YEAR

German C	3	German C	3
English B	3	English B	3
Mathematics A	5	Mathematics A	5
*Biblical Literature	4	*Biblical Literature	4
History A	3	History A	3
	18		18

JUNIOR YEAR

French B	4	French B	4
Philosophy A	5	Philosophy A	5
Mathematics B1	4	Science	5
History	3	Elective	3
	16		17

SENIOR YEAR

French C	2	French C	2
Sociology	1	Sociology	1
Philosophy B1 [5](see p. 85), or elective	3	Philosophy B2 [5](see p. 86), or elective	3
Elective	9	Elective	9
	15		15

* Ministerial students may substitute for this course the corresponding course in the College of the Bible.

ELECTIVES IN GROUP II

To meet the twenty-four elective credits tabulated above, studies are to be chosen from the following departments as indicated:

First Semester	Credits	Second Semester	Credits
Greek II, A, B, C	3	Greek II, A, B, C	3
Latin B, C	3	Latin B, C	3
English C, D, E	3	English C, D, E	3
German D	2	German D	2
Italian A, B	2	Italian A, B	2
History B1 (see p. 74), C, D	3	History B2 (see p. 74), C, D	3
Mathematics C, D, E	3	Mathematics B2, C, D, E	3
Astronomy	2	Astronomy	2
Physics A (see p. 80)	3	Physics A (see p. 80)	3
Chemistry B (see p. 80), C, D	3	Chemistry B (see p. 80), C, D	3
Biology A (see p. 82), B, C, D	3	Biology A (see p. 82), B, C, D	3
Philosophy B1 (see p. 85), C	3	Philosophy B2 (see p. 86), C	3

GROUP III

FRESHMAN YEAR

French B	8
English A	10
Mathematics A	10
Physics A	10
	38

Sophomore Year, A and B		Sophomore Year, C	
French C	4	French C	4
English B	6	English B	6
History A	6	History A	6
Chemistry A	10	Biology A	10
Mathematics B	8	Mathematics B	8
	34		34

JUNIOR YEAR

A		B		C	
German B	6	German B	6	German B	6
Philosophy A	10	Philosophy A	10	Philosophy A	10
History ½ yr.		History ½ yr.		History ½ yr.	
Elective ½ yr.	6	Elective ½ yr.	6	Elective ½ yr.	6
Biology A or B	6	Biology A or B	6	Chemistry A	6
Mathematics C	6	Chemistry B	6	Biology B	6
	34		34		34

SENIOR YEAR

A		B1		C	
German C	6	German C	6	German C	6
Biblical History	8	Biblical History	8	Biblical History	8
Philosophy B.		Philosophy B.		Philosophy B.	
Elective	8	Elective	8	Elective	8
Sociology	2	Sociology	2	Sociology	2
Mathematics	6	Chemistry C	6	Biology C or D	6
	30		30		30

ELECTIVES IN GROUP III

Any course for which the student is fitted, not previously offered as a required study, may be chosen to satisfy the fourteen elective credits tabulated above.

HONORS

All candidates for baccalaureate degrees that obtain an average for scholarship in the College of Liberal Arts of not less than ninety are designated honor-students. The first honor is awarded to that candidate for graduation whose average for scholarship is, in the judgment of the faculty, highest among the honor-students that have pursued the same baccalaureate course.

The valedictory is awarded to that candidate for graduation in any of these courses whose average standing is, at that time of the award, highest; the salutatory to that candidate whose average standing is then next to the highest; and the class oration or address to that candidate whose average standing is then third. But neither the first honor, the valedictory, the salutatory, nor the class oration or address can be awarded to a student who will not, at the time of his graduation, be completing at least his second full session of work in the College of Liberal Arts, of which he must, during the last session, have been a matriculate.

COURSES FOR SPECIAL HONORS

Special honors are awarded in the different departments of the College of Liberal Arts under the following conditions:

1. Students who desire to study for special honors must obtain permission from the faculty to undertake

such study, before the end of the second week of the session in which the work is to be done.

2. They must complete with a standing of ninety or more all the courses offered in the department in which they seek special honors, and must take, in addition, such courses of study and reading, or of investigation, as shall be prescribed by the professor in charge of the department, and approved by the faculty. They must pass a satisfactory examination on work done and present, if required, a thesis on a subject approved by the professor.

3. No student may continue his work for special honors, if in any department his average grade falls below eighty; nor may he substitute his additional work for any part of the requirements for a baccalaureate degree.

COURSES FOR MASTERS' DEGREES

A candidate may be admitted to the degree of master of arts or master of science on the following conditions:

1. That he shall, at least one year before, have received the degree of Bachelor of Arts or Bachelor of Science from the College of Liberal Arts, or from an institution of equal grade.

2. That he shall have, as a resident graduate, observed the rules of the University, and completed to the satisfaction of the faculty an additional year of work, amounting to not less than twelve hours of recitation a week, in graduate courses selected from those of the departments whose names follow, of which he has completed the undergraduate courses: Greek, Latin, English, modern languages, history, mathematics, natural science, and philosophy.

Every candidate for a master's degree must obtain

an average for scholarship of not less than eighty in every course of study selected for that degree.

SPECIAL COURSES

Special courses of graduate studies may be arranged for matriculates who are qualified to pursue such studies with profit, but who are not candidates for a master's degree.

EXAMINATIONS

The last six scholastic days of each term are devoted to the examinations, which begin at 9 o'clock a. m., and continue until every member of the classes under examination has had reasonably sufficient time for answering all the questions.

The examinations are conducted according to the following schedule, in which the classes are designated by the numbers of the hours at which they usually recite:

Friday—The half-past eight o'clock classes.

Monday—The two o'clock classes.

Tuesday—The twelve o'clock classes.

Wednesday—The half-past nine o'clock classes.

Thursday—The eleven o'clock classes.

Friday—The three o'clock classes.

The failure of any student to take any prescribed examination causes him to forfeit his place in the class unless such failure be excused for reasons deemed sufficient by the faculty.

Attendance at the spring examination of any class is optional with every member of the class who is a candidate for graduation that session and who has

grades for the second term of not less than ninety each for attendance and scholarship, and a hundred for conduct.

Besides the regular prescribed examinations, written tests are given from time to time at the discretion of the professors.

The students of the University have adopted the honor system in examinations and all written tests. The following pledge is signed by each student in each examination and in each written test: "I affirm upon my honor that I have neither received nor given assistance in this examination." The case of any student suspected of cheating is investigated, and, if found guilty, he is asked to withdraw from the college.

REPORTS

From the class grade and examinations estimates of the student's scholarship are made. At the middle and end of each semester reports are sent to his parents or guardian, or to the student himself if he is of age.

In these reports, which also contain an estimate of the student's conduct and a record of his absences, a hundred denotes perfect merit, and seventy-five the lowest that entitles him to regular standing in a class. Every student should merit a hundred for conduct, zero for unexcused absences, and eighty or more, according to his ability, for scholarship.

On the mid-semester reports letters are used instead of figures to indicate the student's class standing, their values being as follows: A indicates a grade of from 95 to 100; B, from 90 to 94; C, from 85 to 89; D, from 80 to 84; E, from 75 to 79; F, less than 75.

DEPARTMENTS AND COURSES OF INSTRUCTION

DEPARTMENT OF GREEK

Professor Loos
Assistant Professor McCartney

The aim of the instruction during the first years is to train the student toward reading Greek with facility and accuracy. To this end special attention is given to vocabulary, constructions and arrangement of words. The proper pronunciation of the language is insisted upon, and particular attention is paid to the accents.

In all the courses constant stress is laid upon the language, style, thought, and spirit of the author studied. In the reading of poetry, the rythmic structure of the verse is strictly regarded. Comparative philology, etymology, and synonomy receive due attention.

In courses B and D provision is made for the study of the Greek of the New Testament, and much of course D is devoted to the reading of the Septuagint. In these courses instruction is given in the peculiarities of Hellenistic Greek by lectures and by daily illustrations in the class readings. As much attention as possible is given also to exegesis, but no distinctively doctrinal points are touched upon.

ELEMENTARY COURSE I

1. A course for students who entered without Greek, and who wish to begin it in college. Drill is given in forms and in the fundamental principles of

syntax by daily written and oral exercises. The reading of the Anabasis, or a Greek Reader, is begun as early as practicable. This course is the equivalent of the first unit of entrance Greek, and does not count toward a degree.

The session. 8:30. Daily. No credit.

ELEMENTARY COURSE II

1. A continuation of Course I: thorough review of Attic forms and syntax; prose composition; oral and written exercises; Xenophon's Anabasis, four books; Babbitt's Grammar. This course is the equivalent of the second unit of entrance Greek, and may be chosen as an *elective in group II.*

The session. 12:00. Daily. 6 credits.

COURSE A

1. Lysias: five orations; Greek oratory; Athenian judicial procedure. First semester, fourteen weeks.
2. Herodotus: selections, mainly from books VI and VII; the Ionic dialect. First semester, three weeks; second semester, three weeks.
3. Homer: Iliad, books I to III; Odyssey, books VI and VII; the Epic dialect; the dactylic hexameter verse; Greek mythology. Second semester, fourteen weeks.
4. Greek prose composition: oral and written exercises. Every Friday for one session.

Prerequisites, the entrance studies in Greek and in Greek history. *Required in group I.*

The session. 9:30. Daily. 10 credits.

COURSE B

1. Xenophon: Memorabilia, selections. First semester, ten weeks.
2. Plato: Apology, Crito, Phaedo. First semester, seven weeks; second semester, six weeks.
3. Thucydides: selections. Second semester, ten weeks.

4. Greek New Testament: the Gospel of John. Second semester.

Prerequisite, course A. *Required in group I.*
The session. 9:30. M., W., Th., F. 8 credits.

COURSE C

1. Demosthenes: Selected Olynthiacs and Philippics. First semester, eleven weeks.
2. Theocritus: selections. First semester, five weeks; second semester, three weeks.
3. Sophocles: Oedipus Tyrannus. Second semester, thirteen weeks.
4. Lectures on Greek drama and Greek prosody. Translations at sight from Greek poets. Second semester.

Prerequisite, course B. *Elective.*
The session. 11:00. Tu., Th., F. 6 credits.

COURSE D

1. Aeschylus: Prometheus Bound. First semester, twelve weeks.
2. Septuagint: selections. First semester, three weeks; second semester, eight weeks.
3. New Testament: selections from the Epistles. Second semester, eight weeks.
4. Lectures on Hellenistic Greek. Second semester.

Prerequisite, course B. *Elective.*
The session. Tu., 9:30; W., 11:00; Th., 12:00. 6 credits.

DEPARTMENT OF LATIN

Professor Milligan

Latin is studied (1) as an unexcelled means of intellectual training; (2) for the acquaintance with its literature, which is one of the requisites of modern culture; (3) as a necessary medium through which to form a sympathetic and intelligent acquaintance with

that great people in whose history ancient history merges and modern history originates; (4) as an important factor in the formation of the English language; (5) as the best preliminary to the study of the Romance languages. To secure to the student the advantages that accrue from a diligent and intelligent study of the language, its literature and related subjects is the general object of this department.

COURSE A

1. Livy: the preface, and books XXI and XXII; Latin prose composition after classical models.

Prerequisites, the entrance studies in Latin and in Roman history. *Required in groups I and II.*

First semester. 11:00. M., Tu., Th., F. 4 credits.

2. Lyric poetry: selected odes and epodes of Horace; comparisons with Catullus; Latin prose composition after classical models.

Prerequisites, the entrance studies in Latin and in Roman history. *Required in groups I and II.*

Second semester. 11:00. M., Tu., Th., F. 4 credits.

COURSE B

1. Horace: selected satires and epistles; the life and times of Horace as read in his works; writing connected discourse.

Prerequisite, course A. *Elective.*

First semester. 9:30. M., W., F. 3 credits.

2. Tacitus: the Germania and the Agricola; Rome and her provinces under the emperors; writing connected discourse.

Prerequisite, course A. *Elective.*

Second semester. 9:30. M., W., F. 3 credits.

COURSE C

1. Early Latin: written exercises in changing early Latin into classical Latin and classical Latin into consistent early Latin. First semester, six weeks.

2. Lucretius: books I and V; place of Lucretius in literature and of Rome in philosophy. First semester, eleven weeks.
3. Cicero: books I and II of the Tusculan Disputations. Second semester, ten weeks.
4. Juvenal: seven satires; Roman life in the first century of the empire. Second semester, seven weeks.
5. Writing connected discourse and retroversion of passages translated from Cicero. Alternate Wednesdays.
6. History of Roman Literature: private reading through the session under the direction of the professor.
7. Occasional conferences on questions of Latin grammar, Roman antiquities, the topography of Rome and the history of the Latin language.

Prerequisite, course B. *Elective.*

The session. 12:00. M., W., F. 6 credits.

DEPARTMENT OF ENGLISH

Professor Shearin

Mr. Wyatt

The courses offered are designed to give the student: (1) the ability to think methodically, and to present his thought in clear, strong, and graceful English prose; (2) a general knowledge of English and American literature, and a definite acquaintance with some of its more important phases and periods; (3) a general knowledge of the origin and development of the English language.

Their ultimate aim is to inspire him with a love for English and to inculcate a steadfast method of study and research, that he may gain both the enthusiasm and

the power to build with sureness, independence, and ease upon the foundations already laid.

Since English, in both its language and its literature, is a complex study mirroring the life of a composite race, all students are encouraged to pursue cognate courses in history, philosophy, sociology, classic and modern languages.

COURSE A

1. Rhetoric and Composition: the essentials of good style studied by means of text-book, lectures, practice, and the critical reading of selected modern English prose; daily drill in writing, longer themes every two weeks. Hill's Principles of Rhetoric, Carpenter and Brewster's Modern English Prose.

Prerequisites, college entrance studies; English history. *Required in the freshman year.* No credit will be given for less than the full year's course.

The session. First section, 9:30; second section, 12:00. Tu., Th. 4 credits.

2. English Literature: historical outline of English literature; text-book, lectures, collateral reading, written reports, study of representative works in chronological order.

Prerequisites, college entrance studies; English history. Applicants must be enrolled also in course 1, above, or present credits therefor. *Required in the freshman year.* No credit will be given for less than the full year's course.

The session. First section, 9:30; second section, 12:00. M., W., F. 6 credits.

COURSE B

1. The Elizabethan Drama: outline of the rise of the drama, in ten lectures, with reading of early specimens; study of ten plays selected from the works of Marlowe, Shakespeare, and Jonson.

Prerequisite, course A, complete. *Required in the sophomore year.*

First semester. 8:30. Tu., W., F. 3 credits.

2. American Literature: historical outline of literature in America; text-book, lectures, collateral reading, written reports, study of representative works of nine representative authors in chronological order.

Prerequisite, course A, complete. *Required in the sophomore year.*

Second semester. 8:30. Tu., W., F. 3 credits.

COURSE C

1. The Epic: minute study of Spenser's Faerie Queene, Books I and II; of Milton's Paradise Lost, Books I-VI; of Tennyson's Idylls of the King. Collateral reading of the remaining books of the first two poems, and written reports thereon.

Prerequisite, courses A and B. *Elective.*

First semester. 11:00. Tu., Th., F. 3 credits.

2. Tennyson and Browning: minute study of almost all the more difficult minor poems of each author, in their relation to nineteenth century life, literature and thought. A written resume of the philosophy and art of each author is required.

Prerequisite, courses A and B. *Elective.*

Second semester. 11:00. Tu., Th., F. 3 credits.

3. The Romantic Movement, 1789-1830: the nature poets and the literature of the Revolution traced through Allan Ramsay, the Scotch singers, Thomson, Gay, Shenstone, Collins, Gray; Cowper, Burns, Blake, Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats.

Prerequisites, courses A and B. *Elective.*

Second semester. 11:00. Tu., Th., F. 3 credits. [Omitted in 1908.]

COURSE D.

1. Old English: the Grammar, Reader, and the first 1250 lines of the Beowulf. Some knowledge of

German is recommended for those electing this course.

Prerequisites, courses A and B. *Elective.*

First semester. 2:00. M., W., Th. 3 credits. [Omitted in 1907-8.]

2. Middle English: from the Conquest to Chaucer. Study of selected specimens to illustrate the ecclesiastical, the courtly, and the popular elements in various writings of the period: chronicles, homilies, romances, legends, sagas, fabliaus, lyrics, ballads, dramas, allegories, etc. Written reports grouping the essential elements of kindred types required.

Prerequisites, courses A and B. *Elective.*

First semester. 2:00. M., W., Th. 3 credits. [Omitted in 1907-8.]

3. Chaucer: study of almost all his poetry, and the history of the English language.

Prerequisites, courses A and B. *Elective.*

Second semester. 2:00. M., W., Th. 3 credits. [Omitted in 1908.]

COURSE E

1. Theory and History of Criticism: principles of criticism, with practice based on selected specimens. History of criticism through Plato, Aristotle; the Latin, Italian, Spanish, and French schools; Sidney, Jonson, Dryden, Pope, Johnson, the German school; Wordsworth, Coleridge, Hazlitt, Shelley, Arnold, etc.

Prerequisite, courses A and B. *Elective.*

First semester. 2:00. M., W., Th. 3 credits.

2. The English Novel: the evolution of the novel in English; the theory of the novel; study, historical and critical, of ten selected examples. A comprehensive thesis based, upon some phase of the course, is required.

Prerequisites, courses A and B. *Elective.*

Second semester. 2:00. M., W., Th. 3 credits.

DEPARTMENT OF MODERN LANGUAGES

Professor Lehmann

Courses are offered in German, French, and Italian. The object is to enable the student to translate, write, and pronounce classic and modern French and German, and modern Italian, with ease and fluency. As often as practical, exercises are given whereby a good speaking knowledge of these languages may be acquired. Much attention is paid to pronunciation, inflection, and composition in connection with every course. In the more advanced classes, papers treating of the life and works of the leading German and French authors, as well as of French and German literature in general, are read and discussed.

GERMAN

COURSE A

1. Elementary German: grammar and easy reading, with practice in speaking and writing German. Special attention will be paid to pronunciation. Bierwirth's German Grammar; Seeligmann's Altes und Neues; Baumbach's Waldnovellen; Heyse's L'Arrabbiata; Wildenbruch's Das edle Blut; Harris's Composition; selected poetry. This course is offered to students who did not present German for entrance. *Elective in group I.*

The session. 11:00. Daily. 6 credits.

COURSE B

1. Bierwirth's German Grammar completed; Harris's Composition completed; Storm's In St. Juergen;

Sudermann's Teja; Hatfield's German Lyrics.
Prerequisite, course A. *Required in groups II and III, elective in group I.*
First semester. 12:00. M., W., Th. 3 credits.

2. Von Jagemann's Composition and Syntax; Eichendorff's Aus dem Leben eines Taugenichts; Schiller's Wilhelm Tell; private reading in prose and poetry.
Prerequisite, course B1. *Required in groups II and III, elective in group I.*
Second semester. 12:00. M., W., Th. 3 credits.

COURSE C

1. Schiller's Maria Stuart and Jungfrau von Orleans; history of German literature; private reading.
Prerequisite, course B. *Required in groups II and III, elective in group I.*
First semester. 8:30. M., W., F. 3 credits.

2. Goethe's Faust, I Theil; history of German literature; private reading.
Prerequisite, course B1. *Required in groups II and III, elective in group I.*
Second semester. 8:30. M., W., F. 3 credits.

COURSE D.

1. Middle High German: study of the Nibelungenlied and Gudrun; historical survey of the development of the German language.
Prerequisite, course C. *Elective.*
The session. 12:00. Tu., F. 4 credits.

FRENCH

COURSE A

1. Elementary French: grammar, reading, composition and oral exercises. Special attention will be paid to pronunciation. Fraser and Squair's French Grammar throughout the year; Lazare's Lectures Faciles; Super's Anecdotes Faciles et Poesies; Van

Daell's Introduction to French Authors; Grandgent's French Composition. This course is offered to students who do not present French for entrance. *Elective in group I.*

The session. 9:30. Daily. 6 credits.

COURSE B

1. Fraser and Squair's French Grammar, continued; composition and colloquial exercises; Dumas's La Tulipe Noire; Victor Hugo's La Chute.

Prerequisite, course A. *Required in groups II and III, elective in group I.*

First semester. 2:00. M., Tu., W., Th. 4 credits.

2. Grammar, composition and colloquial exercises, continued; Bowen's French Lyrics; Merimee's Colomba; Chateaubriand's Atala; private reading in prose and poetry.

Prerequisite, course B1. *Required in groups II and III, elective in group I.*

Second semester. 2:00. M., Tu., W., Th. 4 credits.

COURSE C

1. Racine's Athalie and Andromaque; history of French literature; private reading.

Prerequisite, course B. *Required in groups II and III, elective in group I.*

First semester. 8:30. Tu., Th. 2 credits.

2. Corneille's Le Cid; Moliere's Le Bourgeois Gentilhomme; history of French literature; private reading.

Prerequisite, French B. *Required in groups II and III, elective in group I.*

Second semester. 8:30. Tu., Th. 2 credits.

ITALIAN

COURSE A

1. Grandgent's Italian Grammar; compsoition and colloquial exercises; Bowen's Italian Reader.

Prerequisite, French A or German A. *Elective.*
The session. 12:00. Tu., F. 4 credits.

COURSE B

1. Grandgent's Italian Grammar, reviewed; composition and colloquial exercises; history of Italian literature; Manzoni's I Promessi Sposi; private reading.
   Prerequisite, course A. *Elective.*
   First semester. 12:00. Tu., F. 2 credits.
2. Composition and colloquial exercises; history of Italian literature; Goldoni's La Locandiera; Gherardi del Testa's L'Oro e l'Orpello; private reading.
   Prerequisite, course B. *Elective.*
   Second semester. 12:00. Tu., F. 2 credits.

[Courses A and B are not offered in the same year.]

DEPARTMENT OF HISTORY

Professor Myers

The work of three semesters in history is required for graduation. Course A (two semesters) is prescribed. For the additional semester's work, B1 or B2 or C1 or D1 may be chosen. Since, however, courses C and D continue through the session, the work of the first semester in these courses must not be chosen unless that of the second semester is taken as an elective study.

The work in all the courses is carried on by means of text-books, outlines, and library references. The student is trained especially in the use of books, and frequent individual reports are required.

COURSE A

1. European History: from the fourth to the nineteenth century. Beginning with the Roman Em-

pire, it includes the barbarian invasion; the principal institutions of the middle ages, such as the Church and Feudalism; the struggle between the Papacy and the Empire; the rise of the cities, and the changing social and economic conditions; the character of medieval thought and education; a general view of the Renaissance, the Reformation, the succeeding religious and political wars, and of the forces back of the development of the various modern states.

The course is continuous, and is open to sophomores, juniors, and seniors, and to freshmen if they can satisfy the instructor that their preparation has been adequate. *Required for graduation.*

The session. 3:00. M., Tu., Th. 6 credits.

COURSE B

1. History of the Reformation: a study of the antecedents of protestantism, of its rise and spirit. The course aims to give the political and economic phases of the movement, as well as the religious.

   Prerequisite, course A. *Elective.*

   First semester. 12:00. Tu., W., F 3 credits.

2. The French Revolution and Napoleonic wars: this course deals with the economic, intellectual, social, and political conditions in France during the eighteenth century; with the relations between France and other nations; and with both the French and the European aspects of the Napoleonic era.

   Prerequisite, course A. *Elective.*

   Second semester. 12:00. Tu., W., F. 3 credits

COURSE C

1. English History: this course begins with the Anglo-Saxon conquest, and follows the political development of England down to recent times. It gives also a general view of the social and economic de-

velopment. It is intended to be helpful to the students of English literature. The course is continuous.

Prerequisite, course A. *Elective.*

The session. 12:00. Tu., W., F. 6 credits.

[Courses B and C are not offered in the same year.]

COURSE D

1. American History: a survey of the early conditions in North America, followed by a closer study of the development and of the forces which led to their union and to the creation of a federal government; a study of the rise of political parties and of the principles for which they have stood; of the actual workings of our government, national, state, and municipal; and of our economic progress and expansion.

Prerequisite, course A. *Elective.*

The session. 11:00. M., W., F. 6 credits.

DEPARTMENT OF BIBLICAL HISTORY AND LITERATURE

Professor Loos

The studies of this department are intended to lead to such general knowledge of the Bible as is requisite in a liberal education. It is more and more coming to be understood that no education is complete without a knowledge of the masterpieces of literature contained in the English Bible. The epic and dramatic poetry of the Old Testament, the movement of Semitic history, and the profound and eloquent utterances of the prophets of Israel have influenced human thought and literature in a way that justifies their study in college classrooms, side by side with the histories and the epic and

dramatic poems of the Greek and Roman peoples; while the Sermon on the Mount, the parables and other words of Jesus, together with the great letters of St. Paul, have left their indelible impression upon literature and life. No education is well rounded which ignores literature and history like these. No student passes through Kentucky University who does not obtain at least an elementary knowledge of this most important book in all literature. The text-books used are the revised version of the Old and New Testaments, and Maclear's Class Books of Old and New Testament History.

1. Old Testament History and Literature. *Required for graduation.*
   First semester. 12:00. M., Tu., W., F. 4 credits.
2. New Testament History and Literature. *Required for graduation.*
   Second semester. 12:00. M., Tu., W., F. 4 credits.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

Professor Lloyd

There are two well recognized purposes for which the study of mathematics may be pursued: professional use and mental culture; but the latter of these alone justifies placing the science in the curriculum of a college of liberal arts. The chief aim, therefore, in this department is to aid the development of powers and habits of mind which every educated person should possess. Among these may be mentioned sustained, independent reasoning upon questions of a complex character, and the formation of clear and exact notions of things of the most abstruse nature.

The student is taught to regard the recitation room as a laboratory of practical logic. He learns by doing, but he is brought to realize that successful effort in the domain of the reason can follow only correct and distinct concepts with which the reasoning is concerned.

It is hoped that the courses offered are sufficient to make the student not only independent of the teacher in reading mathematics along the usual lines, but capable also of vigorous thinking on any subject which may engage his attention.

Mathematics

COURSE A

1. College Algebra: a review of quadratics in one and two unknowns; imaginaries, inequalities, irrational numbers, ratio and proportion, and variation, the progressions, the binominal theorem, logarithms, permutations and combinations, probability, variables and limits, infinite series. *Required for graduation.*

First semester. 9:30. Daily. 5 credits.

2. Solid Geometry: lines and planes in space, polyhedra, the cylinder, the cone, the sphere, similar solids. *Required for graduation.*

Second semester. 9:30. Daily. 5 credits.

COURSE B

1. Plane and Spherical Trigonometry: leading to the solution of right and oblique triangles both plane and spherical.

Prerequisite, course A. *Required for graduation.*
First semester. 8:30. Tu., W., Th., F. 4 credits.

2. Plane Analytic Geometry: the point, the locus of an equation, the equation of a locus, the straight line, transformation of co-ordinates, the circle.

Prerequisite, course B1. *Required in group III; elective in groups I and II.*
Second semester. 8:30. Tu., W., Th., F. 4 credits.

COURSE C

1. Differential Calculus.
Prerequisite, course B. *Elective, except in group III, A.*
First semester. 12:00. M., W., F. 3 credits.
2. Integral Calculus.
Prerequisite, course C1. *Elective, except in group III, A.*
Second semester. 12:00. M., W., F. 3 credits.

COURSE D

1. Analytic Geometry: a continuation of course B2. Conic sections, higher plane curves.
Prerequisite, course B. *Elective.*
First semester. 11:00. Tu., W., Th. 3 credits.
2. College Algebra: a continuation of course A1, embracing determinants, theory of equations, and other subjects as time allows.
Prerequisite, course B. *Elective.*
Second semester. 11:00. Tu., W., Th. 3 credits.

COURSE E

1. Elementary Mechanics.
Prerequisite, course B1. *Elective.*
First semester. 11:00. Tu., W., Th. 3 credits.
2. Surveying.
Prerequisite, course B1. *Elective.*
Second semester. 11:00. Tu., W., Th. 3 credits.

[Courses D and E will not be offered in the same year.]

Astronomy

1. Elementary course based on Young's Elements, with lectures and the use of the sextant and equatorial telescope.
Prerequisites, Mathematics A and Physics A. *Elective.*
The session. 12:00. Tu., Th. 4 credits.

DEPARTMENT OF PHYSICS AND CHEMISTRY

Professor Fairhurst

In this department the aim is to enable the student to acquire, as far as possible in the time allotted, both a practical and a theoretical knowledge of the branches taught. Laboratory methods are used in every course, and students are thrown largely upon their own resources.

One unit of science is required for entrance; and one and a half years in college, making a total of two and a half years of science which must be completed for the degree of Bachelor of Arts. Of these two and a half years, not less than one year must be taken in the department of Physics and Chemistry.

COURSE A

1. Physics: measurement, force and motion, pressure in liquids, pressure in air, molecular motions, molecular forces. Thermometry, expansion coefficients, work and mechanical energy, work and heat energy, change of state, transference of heat. Magnetism, static electricity, electricity in motion, effects of electrical currents, induced currents. Nature and transmission of sound, properties of musical sounds. Nature and propagation of light, formation of images, color phenomena, invisible radiations. *Elective.*

Three hours' class and two hours' laboratory work a week during the session. 11:00. Daily. 6 credits.

Laboratory Fee, $2.00.

COURSE B

1. General Chemistry: the physical and chemical properties of the principal metals and non-metals; the conditions in which they occur in nature, their distribution, and their economic importance. The stu-

dent is expected to study and to identify the minerals that are of most commercial importance. A general knowledge of the methods of performing simple experiments is acquired. *Elective.*

Three hours' class and two hours' laboratory work a week during the session. 9:30. Daily. 6 credits.

Laboratory Fee, $3.00; contingent deposit, to cover damage to apparatus, $2.00.

COURSE C

1. Qualitative Analysis: the methods of separating and identifying the various elements and their principal compounds. *Elective.*

Work in the laboratory and class-room ten hours a week during the session. 8:30. Daily. 6 credits.

COURSE D

1. Quantitative Analysis: laboratory and class work, ten hours for the first semester. Hours to be arranged. *Elective.*
2. Organic Chemistry: laboratory and class work, ten hours for the second semester. Hours to be arranged. *Elective.*

DEPARTMENT OF BIOLOGY AND GEOLOGY

Assistant Professor Shull

The purposes of the courses in Biology are, first, to give the student such a broad general knowledge of the whole subject as is necessary to an intelligent understanding of familiar biological phenomena; second, to train the eye to make rigidly accurate observations, and the hand to express faithfully what is observed; third, to lead by inductive methods to the broad generalizations which are fundamental to the science; and fourth, to prepare for original investigation the student who

wishes to pursue the subject beyond the limits of the college course.

One unit of science is required for entrance; and one and a half years in college, making a total of two and a half years of science which must be completed for the degree of Bachelor of Arts. Of these two and a half years, not less than one year must be taken in the department of Biology and Geology.

Students cannot be registered in any course until the entrance requirements in science have been satisfied, and those who fail to take the required field trips will forfeit one hour of their credit.

COURSE A

1. Invertebrate Zoology: general biological topics will be discussed in the lectures, dealing with protoplasm; the cell and its activities; paleontological, embryological, and experimental evidence regarding the development of the animal kingdom; the struggle for existence; adaptation, etc. The student will be required to dissect one or more specimens of each type of invertebrate animal.

   Prerequisite, all entrance science. *Elective.*

   First semester: lectures, Tu., Th., 3:00-4:00; laboratory, M., W., F., 3:00-5:00. 3 credits.

   Laboratory Fee, $2.50.

2. Vertebrate Zoology: a continuation of course A1. The student will dissect a number of vertebrate types, including amphioxus, the shark, fish, frog, bird, and mammal.

   Prerequisite, Invertebrate Zoology. *Elective.*

   Second semester. Hours, as during the first semester. 3 credits.

   Laboratory Fee, $2.50.

COURSE B

1. Ecology and Structural Botany: a study of the relation of the plant to its environment through

structural adaptation. Field trips will be taken frequently to regions where various plant societies may be studied. During the winter months, types of all the great groups of plants will be carefully studied, in connection with theoretical problems of development of the plant kingdom, *e. g.,* the development of sex, the vascular system, etc.

Prerequisite, all entrance science. *Elective.*

First semester. Lectures: M., W., F., 4:00-5:00; laboratory: Tu., Th., 3:00-5:00. 3 credits.

Laboratory Fee, $2.50.

[To be offered in 1908-9.]

2. Physiological Botany: a continuation of course B1. The physiological processes are investigated expermentally in the laboratory.

Prerequisite, Ecology and Structural Botany. *Elective.* Students who elect course B1 should take also course B2.

Second semester. Hours, as during first semester. 3 credits.

Laboratory Fee, $2.50.

[To be offered in 1908-9.]

COURSE C

1. Microscopic Technic and Histology: students will be taught methods of fixation, dehydration, clearing, imbedding, sectioning, staining, and mounting preparations of plant and animal tissues for microscopic study, and these preparations will be used for histological studies. All the common tissues will be prepared and examined microscopically.

Prerequisite, course A or B. *Elective.*

First semester. Lectures: Tu., Th., 2:00-3:00; laboratory: M., W., F., 2:00-4:00. 3 credits.

Laboratory Fee, $4.00.

2. Vertebrate Embryology: the development of the embryos of the frog, chick, and pig will be studied in detail.

Prerequisite, course A and course C1. *Elective.*

Second semester. Hours, as during first semester. 3 credits.

Laboratory Fee, $4.00.

[Course C alternates with course A, and will be offered first in 1908-9.]

COURSE D

1. Morphology of Thallophytes and Bryophytes.

Prerequisite, course B. *Elective.*

First semester. Lectures: M., W., F., 4:00-5:00; laboratory: Tu., Th., 3:00-5:00. 3 credits.

Laboratory Fee, $2.50.

2. Morphology of Pteridophytes and Spermatophytes: a continuation of course D1.

Prerequisite, course D1. *Elective.*

Second semester. Hours, as during first semester. 3 credits.

Laboratory Fee, $2.50.

[This course alternates with Course B, and will not be offered in 1907-8.]

DEPARTMENT OF PHILOSOPHY

Professor Jefferson

The courses of study in this department are intended to aid students in acquiring such accurate and systematic knowledge of the elements and principles of logic, psychology, ethics and economics, and of the fundamental problems and principles of philosophy, as will both secure the greatest immediate practical benefit to be derived from these studies and furnish also the best preparation for further philosophical pursuits.

Of the following courses, course A is designed especially for junior students, course B for senior students, and course C for students who have taken courses A and B, or their equivalents. Other students, however,

who are prepared to do so, may take any of the courses.

In all courses in this department the usual instruction by text-books is supplemented by lectures and parallel readings; and in addition to oral answers to questions in class, written tests also are required of the students.

COURSE A

1. Logic: the aim of this course is to aid students in acquiring a comprehension of the essential principles and processes of correct and systematic thought. The course comprises both deductive and inductive logic, their principles, aims, methods, and grounds of validity; also the sources and forms of logical fallacies. The theory of thought is illustrated and tested by copious practical exercises and questions. *Required for graduation.*

First semester. 8:30. Daily. 5 credits.

2. Psychology: description and explanation of the states, processes, and laws of the mental life, with particular attention to their organic unity and continuity in the actual psychological life of man, and to their philosophical and practical importance. *Required for graduation.*

Second semester. 8:30. Daily. 5 credits.

COURSE B

1. Economics: a study of men in their business relations. The development and significance of the more important factors and forms of the existing industrial organization; the fundamental principles of the consumption, production, exchange, and distribution of wealth; recent economic theories; and the more important practical problems of the present-day economic life. *Required for graduation, unless B2 is taken.*

First semester. 3:00. Daily. 3 credits.

2. Ethics: an exposition of the principles of man's moral nature, and of the laws of its development; the fundamental problems of character and con-

duct; the chief ethical theories; the application of ethical principles to the concrete moral life, both individual and social. *Required for graduation, unless B1 is taken.*

Second semester. 3:00. Daily. 3 credits.

COURSE C

1. History of Ancient and Medieval Philosophy: the leading systems of these two periods are considered, not merely in their historical relations, but also with special reference to the formation and development of fundamental problems and conceptions. A written thesis is required of each student.

   Prerequisite, course B. *Elective.*

   First semester. 9:30. Tu., W., Th. 3 credits.

2. History of Modern Philosophy: the general method of treatment is the same as in C1, but with more particular attention to critical and constructive work, and with the purpose, not only of acquainting students with the fundamental problems of philosophy and their possible solutions, but of enabling them, as well, to frame for themselves a correct philosophy of life. A written thesis is required of each student.

   Prerequisite, course B. *Elective.*

   Second semester. 9:30. Tu., Th., F. 3 credits.

DEPARTMENT OF SOCIOLOGY

Professor Morro

The aim of this course is to acquaint the student with some of the facts of the complex social organization of which he is a member; to awaken in his mind civic pride and a desire to promote human welfare; and to direct him in the selection of those principles and methods which will most effectively accomplish this end. The

method of instruction will be by means of a text-book, which will be supplemented by lectures by the instructor and by assigned reading and original investigation of local subjects on the part of the members of the class. The text-book used is Wright's Practical Sociology.

1. Function of sociology; basis of practical sociology; units of organization; population; family. *Re-*
First semester. 2:00. F. 1 credit.
2. Labor; social well-being; defense of society; remedies for social evils. *Required for graduation.*
Second semester. 2:00. F. 1 credit.

ORDER OF RECITATIONS

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30	Greek I German C Chemistry C Philosophy A	Greek I English B French C Mathematics B Chemistry C Philosophy A	Greek I English B German C Mathematics B Chemistry C Philosophy A	Greek I French C Mathematics B Chemistry C Philosophy A	Greek I English B German C Mathematics B Chemistry C Philosophy A
9:30	Greek A, B Latin B Literature A(1) French A Mathematics A Chemistry B	Greek A Greek D Rhetoric A(1) French A Mathematics A Chemistry B Philosophy C	Greek A, B Latin B Literature A(1) French A Mathematics A Chemistry B Philosophy C	Greek A, B Rhetoric A(1) French A Mathematics A Chemistry B Philosophy C	Greek A, B Latin B Literature A(1) French A Mathematics A Chemistry B
10:30	Chapel	Chapel	Chapel	Chapel	Chapel
11:00	Latin A German A History D Physics A	Greek C Latin A English C German A Mathematics D, E Physics A	Greek D German A History D Mathematics D, E Physics A	Greek C Latin A English C German A Mathematics D, E Physics A	Greek C Latin A English C German A History D Physics A

12:00	Greek II Latin C Literature A(2) German B Biblical Literature Mathematics C	Greek II Rhetoric A(2) German D History B, C Biblical Literature Italian A, B	Greek II Latin C Literature A(2) German B History B, C Biblical Literature Mathematics C	Greek II Greek D Rhetoric A(2) German B	Greek II Latin C Literature A(2) German D History B, C Biblical Literature Mathematics C Italian A, B
2:00	English D, E French B Biology C (lab.)	French B Biology C	English D, E French B Biology C (lab.)	English D, E French B Biology C	Sociology Biology C (lab.)
3:00	History A Biology A (lab.) Biology C (lab.) Philosophy B	History A Biology A Biology B, D(lab.) Philosophy B	Biology A (lab.) Biology C (lab.) Philosophy B	History A Biology A Biology B, D(lab.) Philosophy B	Biology A (lab.) Biology C (lab.) Philosophy B
4:00	Biology A (lab.) Biology B, D	Biology B, D(lab.)	Biology A (lab.) Biology B, D	Biology B, D(lab.)	Biology A (lab.) Biology B, D

COLLEGE OF LAW

TRANSYLVANIA COLLEGE OF LAW

FACULTY

Lyman Chalkley, B. L., Dean and Professor of the Common and Statute Law.

George R. Hunt, B. L., Agency.

Butler T. Southgate, Bills and Notes, Sales, Practice and Procedure.

George S. Shanklin, Real Property.

Charles Kerr, Corporations.

Mat. S. Walton, B. L., Domestic Relations, Property Rights of Married Women.

ADJUNCT LECTURERS

John T. Shelby, A. M., LL. D.

John R. Allen, LL. B.

Judge Jere R. Morton, LL. B.

Judge J. H. Hazelrigg, LL. D.

Charles J. Bronston, LL. D.

Judge Mathew Walton, B. L.

HISTORICAL

The original of this College was The Law Society of Transylvania University, which was the department of law of that institution from its incorporation by Virginia in 1783. Its instructors and students have been eminent and successful citizens, both in public and private life. Henry Clay, William T. Barry, George Robertson, Thomas A. Marshall, Madison C. Johnson, W. C. P. Breckinridge have been among its teachers.

LOCATION AND EQUIPMENT

The location at Lexington offers unexcelled opportunities and facilities for successful law study. It has been since the erection of the Commonwealth the center of education in Kentucky. Today there exist in Lexington several colleges of the highest standing: Kentucky University, the successor and embodiment of Transylvania, embracing the five colleges, Arts, Law, Commerce, the Bible, and Hamilton for young women; The State Agricultural and Mechanical College, with the Government Experiment Station; Sayre Institute; Campbell-Hagerman. The public schools are the best organized and most efficient in the State. These give to the city that atmosphere of learning and culture which conduce so much to habits of study.

The College of Law holds its classes in its own rooms in Morrison College, on the University campus, together with the College of Liberal Arts. This is the principal seat of the University and is situated in the highest and most attractive part of the city.

The Carnegie Public Library is situated near the University campus, and is excellently equipped both for general reading and investigation.

The Lexington Law Library Association, domiciled in the Court House, has a very complete collection of American and English reports, which are partly owned by Kentucky University, and are accessible to the law students without additional charge.

The Fayette County Circuit Court is in continuous session throughout the collegiate year, and, with the very able and friendly bar practicing before it, provides excellent opportunity for observing the organization and proceedings of courts, the actual progress of cases, the conduct of trials, the argument of counsel, and the rulings of judges.

COURSES OF INSTRUCTION

The scheme and course of instruction are the most comprehensive and thorough that could be devised. They were laid out by some of the ablest and most experienced members of the Kentucky Bar; and the corps of instructors is composed of some of the most eminent gentlemen learned in the law in the State. The work of the school has received the highest endorsement of bench and bar as to its practical usefulness, its comprehensiveness, thoroughness, and scholarship. The design is to drill the student thoroughly to a mastery of principles, to encourage him to criticism and discussion, and to formulation and enunciation of legal propositions. The acquirement of systematic knowledge and facility in the use of it are the end and aim to which

the work of the school is directed. It is believed that by this method, the reasoning faculties will be exercised and developed; and the student, in addition to mastering principles, will acquire the capability of applying his knowledge as new combinations of facts are presented to his attention.

The subjects of study are apportioned between two classes, the junior and senior, each occupying one collegiate year of nine months.

THE JUNIOR YEAR comprehends the subjects of Jurisprudence, Contracts, Domestic Relations, Bailments (including the extraordinary bailments of carriers and innkeepers), Real and Personal Property, Agency, Torts, Criminal Law.

THE SENIOR YEAR comprehends the subjects of Practice and Pleading, Evidence, Equity, Corporations, Bills and Notes, Constitutional Law, Partnership, Administrative Law, Insurance.

TEXT-BOOKS

The basis of instruction is the use of standard and scholarly text-books, reinforced by reference to cases for collateral reading, and the use of books of cases. The books used during the session of 1906-7 were, in the junior year: Blackstone's Commentaries, Williston's Cases on Contracts, Schouler on Domestic Relations, Goodwin's Real Property, Huffcutt's Agency, Bigelow's Torts, Schouler's Bailments, May's Criminal Law. Those for the senior year were: Stephen's Common Law Pleading and Bryant's Code Pleading, Merwin's Equity, Greenleaf's Evidence, Bigelow's Wills, Mar-

shall's Corporations, Bigelow's Bills and Notes, Burdick's Partnership, Vance's Insurance, Goodnow's Administrative Law. The same books (subject to change in some instances) will be used for the session 1907-8.

COLLEGE YEAR

The college year is divided into three terms: the first beginning October first and ending December twenty-first; the second beginning January second and ending March fourteenth; the third beginning March sixteenth and ending June tenth. Students may enter at any of these periods, or at the beginning of the second term of the session of the College of Liberal Arts. Yet it is most strongly urged that students will enter at the beginning of the junior year and pursue the course in order until the senior year is completed.

GRADUATION

No preliminary examination is required for admission.

Upon completion of all the subjects of the course with satisfactory proficiency, to be determined by written examinations, the degree of LL. B. is conferred. Before the degree is conferred, however, candidates must pass satisfactorily an examination embracing a review of all subjects treated throughout the course. This examination will be based upon the requirements for admission to the Kentucky bar.

FEES

The fees for the collegiate year are eighty dollars. The payment of this sum includes matriculation, tuition in the College of Law, the privilege of attending the classes of the College of Liberal Arts, and the use of the gymnasium. The fee for graduation, including diploma, is five dollars. To special students who enter for only one term, the fee is thirty dollars. All fees are payable, for regular students, one-half upon entrance and one-half on February first; and for special students, the whole amount upon entrance.

PUBLIC LECTURES

One of the features of the course during the session 1906-7 was a series of special lectures, as follows:

1. Legal Ethics: by Judge Robert L. Stout, Judge of the Fourteenth Judicial District.
2. National Banks and State Taxation of Them: by Hon. William W. Spalding, County Attorney for Marion County.
3. County Organization, County Administration, County Officers: by Hon. Ed. C. O'Rear, Chief Justice of the Court of Appeals of Kentucky.
4. The Powers and Limitations of Fiscal Courts in Kentucky: by Hon. Robert W. Bingham, County Attorney for Jefferson County.
5. The Commerce Clause of the Constitution of the United States, and The Trusts: by Hon. John R. Allen, Commonwealth's Attorney for Fayette County.

These lectures were delivered as part of the regular course of instruction in the school, but were open to

the public, and were largely attended. Others will be arranged for the session of 1907-8, and will be announced later.

SUMMER SCHOOL

The summer law class which proved so successful last year will be conducted again in 1907, commencing July seventeenth and closing August twenty-eighth. For particular information, address the Dean.

COLLEGE OF THE BIBLE

BOARD OF TRUSTEES

JAMES L. NEAL ..... Harrodsburg
ALFRED FAIRHURST ..... Lexington
JOHN T. VANCE ..... Lexington
MARK COLLIS ..... Lexington
BENJAMIN M. ARNETT ..... Nicholasville
*WILLIAM O. SWEENY ..... Lexington
WILSON J. THOMAS ..... Shelbyville
JOHN S. SHOUSE ..... Lexington
ISAAC N. WILLIAMS ..... Lexington
WILLIAM F. SMITH ..... Morehead
FRANCIS M. RAINS ..... Cincinnati, O.
FRANK P. JAMES ..... Harrodsburg
JUDGE W. T. LAFFERTY ..... Cynthiana
W. NEWTON BRINEY ..... Louisville
HENRY C. GARRISON ..... Danville

OFFICERS OF THE BOARD

MARK COLLIS, Ch'n. WILLIAM F. SMITH, Sec'y.
JOHN T. VANCE, Treasurer.

EXECUTIVE COMMITTEE

ISAAC N. WILLIAMS, Ch'n. JOHN S. SHOUSE, Sec'y.
WILLIAM F. SMITH MARK COLLIS.
*WILLIAM O. SWEENY.

---

* Deceased.

FACULTY

John William McGarvey, A. M., LL. D., President, and Professor of Sacred History.

Isaiah Boone Grubbs, A. M., Professor of Exegesis.

Benjamin Cassel Deweese, A. M., Professor of Biblical Criticism and Exegesis.

Samuel Mitchell Jefferson, A. M., LL. D., Professor of Philosophy.

Hall Laurie Calhoun, Ph. D., Professor of Hebrew and Ancient History.

William Charles Morro, Ph. D., Professor of Christian History and Doctrine.

GENERAL INFORMATION

The College of the Bible was organized in the year 1865 as one of the colleges of Kentucky University. Since that time it has become an independent institution with its own charter, Board of Trustees, Faculty, and endowment. It is located, however, on grounds belonging to the University, and the two college edifices stand within a few paces of each other. On the same campus, which is a beautiful knoll in the heart of the city of Lexington, there are three dormitories and a well-equipped gymnasium, which are shared in common by the students of the two institutions.

The design of the College, as stated in its original announcement, is "to prepare young men for usefulness in the church by furnishing them with systematic instruction in the Word of God in both the English version and the original tongues; and with an accurate knowledge of those kindred branches which are necessary to efficiency in the Christian ministry." While its courses of study are especially adapted to those who intend to be preachers of the gospel, its classes are open to all religious young men and women who wish to extend their knowledge of the Scriptures.. The institution derived its title, College of the Bible, from the fact that its distinctive aim is to impart a more extensive and accurate knowledge of the contents of the Bble than is usually imparted in theological seminaries.

Students who are defective in preparatory studies have free admission to classes in the preparatory department of the University, and all the classes of the

College of Liberal Arts are open without charge to such Bible students as are prepared for them. This makes it practicable to puruse some Biblical studies simultaneously with the classical and scientific, and thus to keep the student constantly subject to the spiritual influence of the former.

The college is supplied with a well-selected library, and with a reading room of ample dimensions. The library has a special endowment of five thousand dollars, by the proceeds of which it is constantly enlarged. The students have free access also to the Carnegie Library of the city, erected at a cost of $60,000, on grounds adjoining those of the University, and supported by a yearly income of $5,000.

The well-known fact that nearly all young men who devote themselves to the ministry are financially poor, has led benevolent men and women in Kentucky to establish two societies for the assistance of such students. The Kentucky Christian Education Society is the older of the two. It was established by the solicitations of men like John T. Johnson, William Morton, Philip S. Fall and their compeers, and has been in operation about fifty years. The Garth Educational Society, endowed by Claude L. Garth, of Scott County, Ky., with a capital that now amounts to about $90,500, began its great work in the year 1904, and by the two many hundreds of young men and a few young women have been enabled to obtain a college education. They are now helping from fifty to seventy-five students annually. They offer aid to those who have been accepted as foreign missionaries, to sons and daughters of missionaries in foreign fields, and to missionaries on fur-

lough who desire to extend their Biblical knowledge while at home.

For their mutual improvement, the male students keep up two well-conducted literary societies, that occupy elegant society halls, one similar society of women, a missionary society, a Young Men's Christian Association, and a mission study class. Chapel exercises are conducted daily by the faculty, at which attendance is required of all.

GOVERNMENT AND DISCIPLINE

Students are required to conduct themselves with strict Christian propriety at all times and in all places. Any failure in this particular which becomes known to the faculty, is followed by due admonition, and, if thought needful, by dismission from the college.

Athletic sports for the preservation of health are encouraged, but students of this college are not permitted to engage in inter-collegiate contests, either athletic or oratorical.

EXAMINATIONS AND REPORTS

Oral recitations are required in all classes, and at the close of every semester, or oftener, at the discretion of the professor, written examinations are required. The average of the oral recitations and of the written examinations shows the student's grade for the semester. A report is then made, showing his grade and the degree of his punctuality in attending recitations and chapel exercises, and his general conduct.

REQUIREMENTS FOR ADMISSION

To be admitted as a student in the College of the Bible, the applicant must be not less than sixteen years of age. He must present satisfactory evidence of good Christian character, a letter of commendation from the church of which he is a member being the evidence preferred. If he comes from another educational institution, a certificate of honorable dismissal therefrom is required.

Matriculates of the College of the Bible are classified as Classical, English, and Special. All the studies required for admission to Kentucky University (see Kentucky University Catalogue), or their equivalents, are required for matriculation as a Classical student of the College of the Bible. The same studies, except Greek, Latin, German, and French, are required for matriculation as an English student. Applicants may be matriculated as Special students on satisfactory evidence of adequate preparation for the special studies which they desire to pursue in the college. In most cases this preparation will comprise at least the studies required for matriculation as regular English students.

Admission to the college is granted by certificate or by examination. Students who present certificates of work done in schools of approved standing and covering the entrance requirements are admitted to the college without examination. Applicants for admission who expect to enter without examination should present specific statements of the work that has been done, giving details of subjects taken, authors read, the textbooks used, and the dates of examinations. Blanks prepared for this purpose will be furnished on application. Certificates upon which entrance credits are to be grant-

ed must be signed by the principal or instructors of the school in which the work was done.

Students who do not present approved certificates showing that they have completed satisfactorily all the requirements for admission, must stand an entrance examination before they can be admitted, except as Special students. The first three days of the session are devoted to the examination and classification of students. It is, therefore, important that the applicant for admission shall be present on the first day of the session.

Applicants who cannot at once satisfy all the requirements for matriculation as regular Classical or English students, may be enrolled as Special students, and admitted to classes for which they are prepared. All such students will be expected to complete the requirements as soon as possible. This may be done by attending classes in the Preparatory School of Kentucky University.

Students coming from other colleges and universities may, in the discretion of the faculty, be admitted to advanced standing in the college and given credit for the work done elsewhere. To receive credit towards advanced standing, application should be made at the time of matriculation or earlier. Explicit statements, duly certified, of the work that has been done should be submitted, indicating both the subjects studied in satisfaction of entrance requirements, and the courses completed in college. Blanks prepared for this purpose may be obtained upon application.

Matriculates of the College of Liberal Arts of Kentucky University may attend classes in the College of the Bible without additional fees; and, likewise, matric-

ulates of the College of the Bible may attend classes in the College of Liberal Arts; but every student must matriculate in the college in which he takes the majority of his studies.

REQUIREMENTS FOR GRADUATION

The studies required for graduation in the College of the Bible are tabulated in the following groups, constituting a Classical Course and an English Course. For graduation in either course the candidate must have completed all the studies comprised in that course, or their full equivalent; he must also have good Christian character; and must have been a matriculate of the College of the Bible for at least one full session. With graduation, a diploma is granted to the student, representing the course completed by him.

OUTLINE OF COURSES

English Course	Classical Course	Classical Course for A. B. Graduates
	FIRST YEAR	
Old Test. A..... 5	Old Test. A..... 5	Old Test. A..... 5
English A 5	English A 5	New Test. A..... 5
Science 5	Greek A 5	Chr. Ministries A 5
S. S. Pedagogy.. 3	Latin A 5	S. S. Pedagogy.. 3
18	20	18
	SECOND YEAR	
English B or C.. 3	Greek B 4	Old Test. B..... 5
New Test. A..... 5	Mathematics A.. 5	New Test. C..... 5
Chr. Ministries A 5	Science 5	Chr. Ministries B 3
15	S. S. Pedagogy.. 3	Church History.. 2
	17	Hebrew 5
		20
	THIRD YEAR	
Philosophy A 5	English B 3	New Test. B..... 5
Old Test. B..... 5	New Test. A..... 5	Chr. Doctrine.... 3
Chr. Ministries B 3	History A 5	Chr. Ministries C 2
Church History.. 2	Church History.. 2	Biblical Criticism 5
New Test. C..... 5	Chr. Ministries A 5	Greek E and F.. 3
20	18	18
	FOURTH YEAR	
New. Test. B.... 5	History B or C	
Chr. Doctrine.... 3	(½ yr. 3).....1½	
Chr. Ministries C 2	Old Test. B.....5	
Biblical Criticism 5	Ch.Ministries A 5	
Philosophy B 5	Science(½ yr.5) 2½	
20	Hebrew 5	
	18	
	FIFTH YEAR	
	Philosophy A ... 5	
	Mathematics B	
	½ yr. 4)..... 2	
	Chr. Doctrine.... 3	
	Chr. Ministries C 2	
	Biblical Criticism 5	
	Sociology 1	
	18	
	SIXTH YEAR	
	New Test. B....5	
	Philosophy B ...5	
	New Test. E, F 3	
	Electives 5½	
	18½	

EXPENSES

TUITION FEES

The tuition fee for one session in the College of the Bible is $30.00. When payment is made by the semester, $16.00 per semester is charged.

GRADUATION FEES

A graduation fee of $5.00 is charged each student who receives a diploma from the College of the Bible.

ROOMS AND BOARD

A room in one of the dormitories, with fuel for the session, costs $16.00. Meals in the boarding-hall cost from $1.50 to $2.00 per week.

All fees are required in advance and no fee will be refunded.

Books, stationery, light, and washing cost, for the entire year, about $25.00.

Board and lodging in private families can be secured at from $3:50 to $4.00 per week. Students who rent rooms in the city have the privilege of taking their meals with the club.

Married students can find cottages or suites of rooms to rent at moderate prices.

DEPARTMENTS AND COURSES OF INSTRUCTION

DEPARTMENT OF ANCIENT CIVIL HISTORY

Professor Calhoun

This course treats of Egyptian, Assyrian, Babylonian, Persian, Syrian, Greek, and Roman History. Special attention is given to the connection between the histories of these nations and general history. The course includes lectures, assigned study of the text-book, and collateral reading. It is illustrated by stereopticon views.

First Semester—The History of the Nine Eastern Nations and the History of Greece. 5.

Second Semester—The History of Rome, together with collateral work. 5.

Text-book—Myer's Ancient History.

This course is a prerequisite to matriculation as a regular student in the college.

DEPARTMENT OF THE OLD TESTAMENT

It is the design of the courses offered in the Old Testament to afford a complete and thorough knowledge of (1) the facts of Israel's history; (2) the Jewish literature comprising both the Old Testament and the Jewish Apocrypha; (3) the principles and method of divine government as exhibited in God's dealing with His chosen nation; (4) the workings of divine redemption from sin as foreshadowed in the Old Testament; and (5) the relation of the old dispensation and the Old

Testament to the Christian dispensation and the New Testament.

In the English courses of this department, the American Standard Edition of the Revised English Bible is the text-book. Such books of reference as the works of Josephus, biblical atlases, McGarvey's Lands of the Bible, and Rawlinson's Ancient Monarchies are freely cited.

Course A

Professor McGarvey

First Semester—Genesis, Exodus, Leviticus. 5.

Second Semester—The Pentateuch completed, Joshua, Judges, Ruth, Job. 5.

The purpose of this course is to impart to the student such a knowledge of the contents of these books as will enable him to state from memory all the historical facts recorded in them, to understand the relation of these facts to those in later records, to feel the impress of the personal experiences depicted in them, to know the forms of law, civil and religious, which God established over His ancient people; to know the plan and structure of these sacred books, and to realize the degree of religious culture to which God brought Israel in its earlier ages.

Required in both courses for graduation.

Course B

Professor Morro

First Semester—First and Second Samuel; First and Second Kings with the parallel record in Chronicles to the fall of the Northern Kingdom and the deportation of its inhabitants by Assyria; historical study of the Psalms and the early Prophetic Books. 5.

Second Semester—The other Historical Books of the Old Testament and the remaining Prophetic Books,

followed by an outline of the Jewish history between the close of the Old Testament period and the birth of Christ. 5.

The studies of this year cover an exceedingly important period of sacred history. No other part of the Bible furnishes so many illustrations of the divine government and of the practical workings of sin and redemption. No part of the Scriptures enter more largely into modern discussions than the Books of the Prophets, and, in fact, no intelligent student of present-day phases of belief can afford to neglect any portion of this course of study. The outline of the history of later Judaism affords the student an insight into the life and religion of the times immediately prior to the birth of Christ and aids him materially in the understanding of the New Testament.

Required in both courses for graduation.

Course C

Professor McGarvey

1. Historical and exegetical study of the Hebrew Prophets.

Course D

Professor Calhoun

HEBREW LANGUAGE AND LITERATURE

First Semester—The first thirty lessons in Harper's Hebrew Method and Manual. 5.

Second Semester—The remaining twenty lessons in Harper's Hebrew Method and Manual; selections from the Historical, Poetic, and Prophetic Books of the Hebrew Bible. 5.

This class meets daily and does the same amount of work which classes do that continue the study for two years but meet only two or three times per week. Such knowledge of the language is imparted as enables the

student to prosecute further study of it without aid from the living teacher.

Text-books—Harper's Hebrew Method and Manual, and Elements of Hebrew; Hebrew Bible and Lexicon.

Required for graduation in the Classical Course.

Course E

Professor Calhoun

Advanced Reading in Hebrew—A graduate course.

DEPARTMENT OF THE NEW TESTAMENT

These courses are offered with the view of familiarizing the student with both the historical facts and the literature of Christ's life and the Apostolic Church. In course A, the members of the class study the matter and structure of every Gospel separately, so as to know it as a book, and then by means of a review they arrange the facts in their chronological order so far as this can be clearly ascertained. In course B, the progress of the church throughout the Apostolic Age; the controversial questions which have arisen in connection with this history, and the historical matter to be gleaned from the Epistles and the Apocalypse are studied. In course C, the principles of the science of Hermeneutics are first carefully unfolded, and the rest of the year is devoted to their practical application in the exegesis of some of the most important epistles. The purposes of the course are two, viz., (1) to impart to the student a knowledge of the principles as well as some experience and skill in exegesis, and (2) to give him a thorough knowledge of the epistles which are expounded. The American

Standard Edition of the Revised English Bible is used in these classes, and works of reference are freely cited.

Courses D and E endeavor to familiarize the student with the use of the best commentaries and other scholarly aids to the understanding of the inspired writings.

Course A

Professor Morro

First Semester—The Gospels of Matthew and Mark; prescribed reading in contemporary Jewish history. 5.

Second Semester—The Gospels of Luke and John; chronology of the Gospels; the geography of Palestine. 5.

Required in both courses for graduation.

Course B

Professor Deweese

First Semester—Acts of the Apostles. 5.

Second Semester—Historical study of the Epistles; later Apostolic history; Christian missions. 5.

Required in both courses for graduation.

Course C

Professor Grubbs

Professor Deweese

HERMENEUTICS AND EXEGESIS

First Semester—Principles of hermeneutics; exegesis of First and Second Corinthians, and Galatians. 5.

Second Semester—Exegesis of Romans, Hebrews, First and Second Peter. 5.

Required in both courses for graduation.

[Courses D and E may be substituted for this course.]

Course D

Professor Morro

THE GOSPELS IN GREEK

First Semester—During the session of 1907-8, the Gospels of Matthew and Mark will be read and interpreted in class. Careful attention will be given to the exegesis of the Greek text; the grammar of the New Testament Greek; and the style, structure, and the critical problems of the Gospels. 3.

Text-books—Westcott and Hort on the Revisers' Text of the Greek New Testament; Burton's Notes on the Grammar of the New Testament, and The New Testament Moods and Tenses.

Prerequisites, Greek A and B. Graduate course.

Course E

Professor Deweese

PAULINE EPISTLES IN GREEK

Second Semester—Studies in Ephesians, Philippians, Colossians, and the Pastoral Epistles will be offered. Grammatical and exegetical features will be considered with reference to the special problems involved in Paul's teachings, so that the student may acquire facility and interest in original investigation. 3

Prerequisites, Greek A and B. Graduate course.

[Courses D and E may be substituted for course C.]

Course F

Professor Loos

Hellenistic Greek: studies in the New Testament and the Septuagint; lectures on the peculiarities of Biblical Greek.

Required for graduation in the Classical Course.

DEPARTMENT OF BIBLICAL CRITICISM

Professor Deweese

First Semester—Text of the New Testament; its genuineness, authenticity, and inspiration. 5.

Second Semester—Text of the Old Testament; Canon; a full discussion of the authorship of Dueteronomy with special reference to current advanced views of the origin and structure of the Peutateuch. 5.

In this course the history and present condition of the New Testament text are exhibited; the several books of this Testament are traced back to their authors, and the evidence of the credibility and the inspiration of these books is considered. The same features of the Old Testament are then treated, and throughout the course the positions and arguments of recent advanced criticism are set forth and their merits discussed.

Text-books—McGarvey's Evidences of Christianity; Green's Canon of the Old Testament; and McGarvey's Authorship of Deuteronomy.

Required in both courses for graduation.

DEPARTMENT OF BIBLICAL DOCTRINE

Professor Morro

First Semester—Lectures on the Doctrines of the Old Testament; doctrines of the New Testament. 3.

Second Semester—Doctrines of the New Testament; lectures on the Institutions and Polity of the Church. 3.

This course is designed to aid the student in acquiring a comprehensive view of the teaching of the Bible upon the most important topics of Christian thought, and the institutions and polity of the church. It is essentially the same as that which is usually styled Biblical Theology. A text-book will be used, but this will be supplemented by lectures, and on certain topics the student will be assigned additional reading and otherwise directed in personal investigation.

Text-book—Steven's The Theology of the New Testament.

Prerequisites, New Testament A and C. *Required in both courses for graduation.*

DEPARTMENT OF CHRISTIAN MINISTRIES

The courses of this department treat of the functions and activities of the Christian Church, whether of the church as a whole or of its official or other individual members. Recognizing the divine commission of the church for the propagation and preservation of religion in the world, the aim of these courses is to present the principles and methods which are necessary and proper for the accomplishment of these Christian ministries.

Course A

EXPRESSION

Professor Calhoun

First Semester—The fundamental principles of the science of expression; the law governing the action of one's own mind in getting impressions and in revealing them; the history of hymnology, the structure and classification of hymns, and the classification of Scripture readings, together with the general principles by means of which any literary production may be analyzed and classified. 5.

Second Semester—The class is thoroughly drilled in the art of expression both vocal and pantomimic. 5.

Text-books—Curry's Lessons in Vocal Expression; Nicholas Smith's Hymns Historically Famous.

Required in both courses for graduation.

Course B

HOMILETICS

Professor Deweese

First Semester—Theory of preaching; materials of

preaching; construction of sermons; pulpit style. 3.

Second Semester—Methods of sermon preparation and delivery; conduct of public worship; practical analyses and criticism of sermons. 3.

Required for graduation.

Course C

WORSHIP AND WORK OF THE CHURCH

Professor Jefferson

First Semester—The constitution, membership, government, and support of the church, with special reference to the local congregation. Buildings adapted to the worship and work of the church. The worship of the church: devotional use of the Scriptures; public prayer; the service of song; the Lord's Supper; religious offerings. 2.

Second Semester—The working church; organization for work; missions at home and abroad; Bible schools; preaching and teaching; evangelistic services; woman's work in the church; the work of the young people in the church; the relation of local churches to one another; the relation of the church to public interests. 2.

Required in both courses for graduation.

DEPARTMENT OF CHURCH HISTORY

Professor Morro

The design of this course is to give the student a clear view of the development of the church in history. Since it is impossible within the limits of a college year to impart a thorough knowledge of this vast subject, two of the most important periods are selected for detailed study. They are the first five centuries of the church's history, and the Modern Era since the beginning of the Reformation in Germany. The intervening history is treaated by lectures on the more important developments within the church of this period.

First Semester—From the rise of the church to the accession of Gregory the Great. 2.

Second Semester—Lectures on the church from the accession of Gregory the Great to the Age of the Reformation; from the Reformation till the present time. 2.

Text-books—Cheetham's History of the Christian Church during the First Six Centuries; Gardner's The Protestant Revolution, and The Puritan Revolution.

Required in both courses for graduation.

DEPARTMENT OF PHILOSOPHY

Professor Jefferson

The courses of study in this department are intended to aid students in acquiring such accurate and systematic knowledge of the elements and principles of logic, psychology, ethics and economics, and of the fundamental problems and principles of philosophy, as will both secure the greatest immediate practical benefit to be derived from these studies and furnish also the best preparation for further philosophical pursuits.

Of the following courses, course A is designed especially for junior students, course B for senior students, and course C for students who have taken courses A and B, or their equivalents. Other students, however, who are prepared to do so, may take any of the courses.

In all courses in this department the usual instruction by text-books is supplemented by lectures and parallel readings; and in addition to oral answers to questions in class, written tests also are required of the students.

COURSE A

1. Logic: the aim of this course is to aid students in acquiring a comprehension of the essential principles and processes of correct and systematic thought.

The course comprises both deductive and inductive logic, their principles, aims, methods, and grounds of validity; also the sources and forms of logical fallacies. The theory of thought is illustrated and tested by copious practical exercises and questions. *Required for graduation.*

First semester. 8:30. Daily. 5 credits.

2. Psychology: description and explanation of the states, processes, and laws of the mental life, with particular attention to their organic unity and continuity in the actual psychopyhsical life of man and to their philosophical and practical importance. *Required for graduation.*

Second semester. 8:30. Daily. 5 credits.

COURSE B

1. Economics: a study of men in their business relations. The development and significance of the more important factors and forms of the existing industrial organization; the fundamental principles of the consumption, production, exchange, and distribution of wealth; recent economic theories; and the more important practical problems of the present-day economic life. *Required for graduation, unless B2 is taken.*

First semester. 3:00. Daily. 5 credits.

2. Ethics: an exposition of the principles of man's moral nature, and of the laws of its development; the fundamental problems of character and conduct; the chief ethical theories; the application of ethical principles to the concrete moral life, both individual and social. *Required for graduation, unless B1 is taken.*

Second semester. 3:00. Daily. 5 credits.

COURSE C

1. History of Ancient and Medieval Philosophy: the leading systems of these two periods are considered, not merely in their historical relations, but also

with special reference to the formation and development of fundamental problems and conceptions. A written thesis is required of each student.

Elective.

First semester. 9:30. Tu., W., Th. 3 credits.

2. History of Modern Philosophy: the general method of treatment is the same as in C1, but with more particular attention to critical and constructive work, and with the purpose, not only of acquainting students with the fundamental problems of philosophy and their possible solutions, but of enabling them, as well, to frame for themselves a correct philosophy of life. A written thesis is required of each student.

Elective.

Second semester. 9:30. Tu., W., Th. 3 credits.

ORDER OF RECITATIONS

Hours	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30	Old Test. A Philosophy A	Old Test. A Philosophy A English B	Old Test. A Philosophy A English B Greek B	Old Test. A Philosophy A English B	Old Test. A Philosophy A
9:30	Old Test. B New Test. B English A (1)	Old Test. B New Test. B English A (1) Greek D	Old Test. B New Test. B English A (1)	Old Test. B New Test. B English A (1)	Old Test. B New Test. B English A (1)
10:30	Chapel	Chapel	Chapel	Chapel	Chapel
11:00	Christ'n Doctrine Physics A Chr. Ministries C	Church History Physics A Chr. Ministries A	Christ'n Doctrine Physics A Greek D Chr. Ministries C	Church History Physics A Chr. Ministries A	Christ'n Doctrine Physics A Chr. Ministries C
12:00	New Test. A Anc. Civil Hist. English A (2)	New Test. A Anc. Civil Hist. English A (2)	New Test. A Anc. Civil Hist. English A (2)	New Test. A Anc. Civil Hist. English A (2) Greek B	New Test. A Anc. Civil Hist. English A (2)
2:00	Biblical Criticism Hebrew Biology A	Biblical Criticism Hebrew Biology A	Biblical Criticism Hebrew Biology A	Biblical Criticism Hebrew Biology A	Biblical Criticism Hebrew Biology A
3:00	New Test. C Philosophy B Chr. Ministries B	New Test. C Philosophy B Chr. Ministries B	New Test. C Philosophy B Chr. Ministries B	New Test. C Philosophy B Chr. Ministries B	New Test. C Philosophy B Chr. Ministries B

THE PREPARATORY SCHOOL

THE PREPARATORY SCHOOL

Burris Atkins Jenkins, A. M., D. D., *President.**

INSTRUCTORS

Thomas Benton McCartney, Jr., M. A., Ph. D., *Acting-Principal.*
Alice Tribble Carr, B. S.
William Frank Wyatt, A. B.
Rosa May Starratt, A. B.

ADMISSION

For entrance into the Preparatory School the applicant must be not less than thirteen years of age, must have completed satisfactorily such studies as are required in the eighth grade of the Lexington public schools, and must show adequate preparation, by examination or otherwise, especially in geography, grammar, and arithmetic.

COURSES OF INSTRUCTION

The courses of instruction in the Preparatory School cover fully the college entrance requirements, and are designed primarily to fit students for the freshman classes in the College of Liberal Arts. The text-books used and the methods of teaching employed are carefully adjusted to the needs of the student in his collegiate

---

* Resigned, October, 1907.

course. Experience has taught that there is great advantage in beginning the work of the institution in the preparatory department. Students who, in any of the subjects taught, have not the amount of preparation required for admission to the corresponding courses of the college, have here ample facilities for making up their deficiences.

GREEK

I. Gleason's Greek Primer; daily exercises at the blackboard with marking of accents; prose composition, written and oral; Babbitt's Grammar.

II. Goodwin and White's Xenophon's Anabasis, four books; Pearson's Greek Prose Composition; Babbitt's Grammar.

LATIN

I. Collar and Daniell's First Year Latin; daily exercises at the blackboard with marking of quantities; Allen and Greenough's Grammar; Greenough, D'Ooge, and Daniell's Second Year Latin.

II. Caesar's Gallic War, four books, or an equivalent from the Second Year Latin; prose composition and grammar, continued.

III. Cicero, six orations; Allen and Greenough's Grammar; Arnold's Latin Prose Composition.

IV. Virgil: the Aeneid, four books; the Latin declension of Greek nouns, the dactylic hexameter verse and peculiarities of Latin poetry. Introduction to Roman mythology; Latin prose composition; oral and written exercises.

Ancient history is prerequisite to this course.

ENGLISH

I. English Grammar, with frequent exercises in

analysis; Sir Roger de Coverley Papers; Coleridge's Ancient Mariner.

II. Grammar and composition work; Silas Marner; Lady of the Lake; Ivanhoe; selections from Tennyson; Irving's Life of Goldsmith; Lowell's Vision of Sir Launfal.

III. Lockwood and Emerson's Composition-Rhetoric; Merchant of Venice; Julius Caesar; Macbeth; Burke's Conciliation with America; Macaulay's Essay on Addison and Life of Johnson; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas.

FRENCH

I. Fraser and Squair's French Grammar, Part I, begun; conversation; drill in pronunciation and in inflection of regular verbs; writing from dictation; Easy French, a Reader for Beginners. First semester.

II. Frazer and Squair, Part I, completed; conversation; An Introduction to French Authors, a Reader for Beginners. Second semester.

GERMAN

I. Bierwirth's German Grammar throughout the session; Altes und Neues, a Reader for Beginners; constant drill in pronunciation, inflection, and parsing, accompanied by written and oral exercises. First semester.

II. Harris's Composition; easy poetry; short stories; conversation and review of grammar; Des Edle Blut, Wildenbruch. L'Arrabbiata, Paul Heyse. Second semester.

MATHEMATICS

I. Milne's Algebra to simultaneous simple equations; blackboard and written work. The session.

II. Milne's algebra completed. The session.

III. Wentworth's Plane Geometry (Revised). Special attention is given to exercises. Review of Algebra. The session.

HISTORY

I. Myers' Ancient History; the Orient, Greece, Rome; mediaeval history to the time of Charlemagne. The session.

II. 1. Larned's History of England. Frst semester.
2. Larned's History of the United States. Second semester.

SCIENCE

I. Physiology: a laboratory course in physiology supplemented by lectures and demonstrations. The text used is Hough and Sedgwick's "Human Mechanism." Laboratory fee, $1.50. First semester.

II. Physiography: a study of fundamental physiographic processes, and of the agents which produce topographic features. The study of topographic maps, and preparation of section drawings, with other laboratory exercises, will be a prominent feature of the course. Second semester.

ORDER OF RECITATIONS

HOURS	CLASS
8:30-9:30	Beginning Greek. Beginning Latin, Section 1. Latin—Virgil. First Year English.
9:30-10:30	Second Year English, Section 1. Mathematics—First Year Algebra, Section 1. Elementary French.
10:30-11:00	Chapel
11:00-12:00	Latin—Caesar and Cicero. Mathematics—First Year Algebra, Section 2. Third Year English. German.
12:00-1:00	Greek—Xenophon. Mathematics—Second Year Algebra.
2:00-3:00	Second Year English, Section 2. Mathematics—Geometry. Ancient History. English and American History.
3:00-4:00	Physiology and Physiography. Beginning Latin, Section 2.

All classes in the Preparatory School recite five times a week.

COMMERCIAL COLLEGE

FACULTY

WILBUR RUSH SMITH, *Presiding Officer.*
Assisted by nine competent instructors.

COURSES OF INSTRUCTION

The course of instruction is unusually full. It includes book-keeping in its application to professional and official business, and to the various forms of merchandizing, compound company partnership; commission, joint stock, railroading, steamboating, banking, milling, real estate and insurance, furnacing and mining.

The thorough instruction given in banking is an important feature of this college. This part of the course includes the use of ten books, with the necessary accompaniment of business and legal forms.

Both class and individual instruction is given in commercial arithmetic in its various features of interest, discount, premium, profit and loss, percentage, averaging accounts, equation of payments, proportion of taxes, insurance, and measurements.

Students are trained in mercantile correspondence and in the use of checks, drafts, exchanges, deeds, leases, mortgages, agreements and other forms of business paper.

Frequent lectures on commercial law, pertaining to partnership, contracts, settling of estates, etc., are given.

The whole course of instruction is eminently practical in design and methods. The drilling that the students receive in the principles of business is accompanied and followed by their practical application in organizing and conducting business, at first simple, but afterwards of the most intricate and complicated character. As a final test of proficiency, the student is required to merge a set of single entry books into individual double entry, this into partnership, and this again into joint stock.

Special courses in shorthand, typewriting and telegraphy may be taken either with or without a general course. The instruction in these branches is not confined to the immediate subjects, but includes a liberal range of collateral matters. The instructors are competent teachers of practical experience in their respective departments.

The Commercial College has two general courses: the merchant's course and the full business course. The former requires from five to seven weeks to complete it, the latter from eight to twelve weeks. A separate charge is made for instruction in phonography, typewriting, and telegraphy.

The session continues throughout the year. Students can enter at any time. There is no class system, but individual instruction, each pupil advancing as rapidly as he may be able.

The hours of work are from 9 a. m. to 12 m.; 1½ to 5 p. m., and 7 to 8½ p. m.

Matriculates of this college can attend, without charge, for the remainder of the session after the completion of their business course, the classes of the College of Liberal Arts or of the Preparatory School.

MATRICULATES

COLLEGE OF LIBERAL ARTS

Alford, Audrey ..... Kentucky.
Amsler, Benjamin Franklin ..... Missouri.
Anderson, Ralph ..... Missouri.
Appleton, Grace ..... Kentucky.
Baer, Artemisia ..... Florida.
Bagley, Gussie ..... Alabama.
Barr, David Earl Benton ..... Kentucky.
Berry, Fessie ..... Kentucky
Berry, Lydia Mitchell ..... Kentucky.
Birkhead, Guthrie Sweeney ..... Kentucky.
Bodenhafer, Walter Blaine ..... Indiana.
Bogie, Margaret Kavanaugh ..... Kentucky.
Brady, Emma Noyes ..... Kentucky.
Bristow, Aden ..... Illinois.
Brock, Joseph Reuben ..... Kentucky.
Brown, Elizabeth ..... Kentucky.
Bryson, Walter Ernest ..... New York.
Burke, Martha Lou ..... Illinois.
Campbell, Gilbert Whitney ..... Kentucky.
Carpenter, Ralph Terence ..... California.
Carter, Fred Stephen ..... Kentucky.
Carter, Robert Henry ..... Kentucky.
Coble, Avrie Benton ..... Tennessee.
Coble, Floy Virginia ..... Tennessee.
Coleman, Eleanor Russell ..... Kentucky.
Combs, Josiah Henry ..... Kentucky.
Conkling, Charles Mordecai ..... Florida.
Cooke, Harry Richard ..... Tennessee.
Cord, Robert Ireland ..... Kentucky.
Cossaboom, Charles Orwell ..... Canada
Courie, Wadie Fadul ..... South Carolina.
Craddock, David James ..... Tennessee.
Crain, Nelson Adolph ..... Missouri.

Cropper, Lurline Gentry ..... Kentucky.
Crowley, William Abraham ..... Missouri.
Dampier, William Bruce ..... Kentucky.
Daniel, Corinne Wilson ..... Kentucky
Daniel, Gilbert Joseph ..... Australia.
Darnold, Jefferson Benjamin ..... Kentucky.
Darnold, Obed William ..... Kentucky.
Davis, John Frank ..... Kentucky.
Dawson, Birt Herbert ..... Kentucky.
Dean, George Washington ..... Kentucky.
Delcamp, Ernest Woodruff ..... Indiana.
Deering, Grace Covin ..... Kentucky.
Depp, Katharine ..... Kentucky.
Dick, Woodford Van ..... Kentucky.
Donaldson, James O'Bannon ..... Kentucky.
Doty, John, Jr. ..... Kentucky
Doty, William Kavanaugh ..... Kentucky.
Downing, Chilton Edwin, Jr. ..... Kentucky.
Duncan, Joseph, Jr. ..... Missouri.
Dunlap, Whitney DeWitt ..... Kentucky.
Dutt, Meade Ervin ..... Kentucky.
Embry, Elizabeth Buford ..... Kentucky.
Eppstein, Ralph Mowris ..... Indiana.
Evans, Walter Owsley ..... Kentucky.
Fairhurst, Helen Holman ..... Kentucky.
Farra, Kathryne ..... Kentucky.
Fern, Mrs. Nora Alice ..... Kentucky.
Ferrenberg, Pearl John ..... Arkansas.
Field, Alfred Leslie ..... Pennsylvania.
Field, Hardin, Jr. ..... Kentucky.
Fisher, Elizabeth Prewitt ..... Kentucky
Fisher, Warren Rogers ..... Kentucky.
Florence, Nicholas Everett ..... Kentucky.
Foster, John Milton ..... Kentucky.
Foster, William Omer ..... Georgia.
Francis, Kelly Jennings ..... Kentucky.
Frye, Susan Weatherford ..... Kentucky.
Gaines, Mary ..... Kentucky.
Garrett, James DeWitt ..... Alabama.

Gayle, George Macklin ..... Kentucky.
George, John Samuel ..... Missouri.
Giles, Elmer Cecil ..... Missouri
Gilliland, Mary Frances ..... Illinois.
Goff, Sudduth ..... Kentucky.
Gray, Anderson Preston ..... Tennessee.
Green, Elizabeth ..... Kentucky.
Green, Irvin Taylor ..... Kentucky.
Greenwell, Charles ..... Kentucky.
Grimes, William Adams ..... Kentucky.
Hall, James Walter ..... Kentucky.
Harbison, Shelby Thomas, Jr. ..... Kentucky.
Harrison, Traverce Whitefield ..... Kentucky.
Hart, John Frazee ..... Kentucky.
Haydon, Helen ..... Kentucky.
Hayes, Edna Ella ..... Kentucky.
Heins, Jesse Elward ..... Iowa
Hicks, Rowe Gaines ..... Georgia.
Hightower, Henderson Grover .....Kentucky.
Hinton, Edna Earl ..... Kentucky.
Houston, Thomas Allen ..... Kentucky.
Hughes, Herbert Leland ..... Alabama.
Hume, Daisy ..... Kentucky.
Hutchcraft, Mary Fithian ..... Kentucky
Hutchcraft, Reuben Brent, Jr. ..... Kentucky.
Ingels, Clara Belle ..... Kentucky.
Jackson, Charles Elwood ..... Georgia.
Jones, Edward Stewart ..... Kentucky.
Jones, Thomas Josiah ..... Kentucky.
Karagiozian, Noury ..... Turkey.
Kenney, Harvey Gerome ..... Missouri.
Kingsbury, Horace ..... Australia.
Koch, Edward Henry ..... Indiana.
Lawrence, Margaret Bright ..... Kentucky.
Lenox, William McGarvey ..... Kentucky.
Leonard, Howard Beldon ..... Indiana.
Leonard, Warren Mayberry ..... Canada.
Loughridge, Elizabeth Colesberry ..... Kentucky.
Loughridge, S. Allen ..... Kentucky.

Lyle, Josephine Irvine ..... Kentucky.
McCallum, Donald Campbell ..... Australia.
McCallum, Percival Duncan ..... Australia
McCallum, William Cecil ..... Australia.
McCash, Earl Wellington ..... California.
McGuire, Josephine ..... Kentucky.
Mathews, William Harvey ..... Kentucky.
Matthews, Dowdy Roy ..... Georgia.
Meng, James Madison ..... Kentucky.
Merryday, Harry Louis ..... Florida.
Milward, Mary Edmonson ..... Kentucky.
Minyard, Thomas Asa .....Georgia.
Mize, John Griggs ..... Kentucky.
Moore, Bacon Rochester ..... Kentucky.
Moore, William Temple ..... Kentucky.
Moran, Lola Gorman ..... Kentucky.
Nelson, Mrs. Olive ..... Kentucky.
Newlin, George Errett ..... Indiana.
Nickerson, Edward James ..... Canada.
Owens, Jesse Thomas ..... Oklahoma.
Paternoster, Ira Adina ..... Kentucky.
Perry, Mary Eula ..... Kentucky.
Phillips, Marie Ingram ..... Kentucky.
Plopper, Clifford Henry ..... Georgia.
Prather, John Gip ..... Kentucky.
Pritchett, Joseph Everett ..... Virginia.
Pugh, Robert Truitt ..... Ohio.
Ringo, Elizabeth Amy ..... Kentucky.
Robb, Nancy ..... Kentucky.
Roberts, Harry ..... Australia.
Robinson, Jane Henderson .....Kentucky
Robinson, William Evans ..... Kentucky.
Ryan, John Graves ..... Kentucky.
Scearce, Mary Thomas ..... Kentucky.
Schaefer, Harry ..... Ohio.
Shaw, Roud ..... Kentucky.
Shearer, Addie Napoleon ..... Kentucky.
Shropshire, Newton Lary .....Kentucky.
Smith, Essie Corinne ..... Kentucky

Spencer, Eva Holladay ..... Kentucky.
Spencer, Julia Hogue ..... Kentucky.
Stamper, Abney Lucien ..... Kentucky.
Stansifer, Harry Matlack ..... Kentucky.
Steele, Richard Gray ..... Kentucky.
Stephens, Walter Felix ..... Kentucky.
Stickley, Asa Baker ..... Virginia
Sturgill, Charles ..... Kentucky.
Sweeney, Edwin Stanton ..... Kentucky.
Talbert, Rezin Challen ..... Kentucky.
Talbott, Clarence Edison ..... Kentucky.
Talbott, Edna Cecil ..... Kentucky.
Tandy, Pauline ..... Kentucky.
Tate, Elmer Evans ..... Kentucky.
Turner, Caswell C. ..... Kentucky.
Van Meter, Solomon Lee, Jr. ..... Kentucky.
Viley, Mary Offutt ..... Kentucky.
Vogt, Adelgunda ..... Kentucky.
Waggoner, Ira Edward ..... Kentucky.
Waggoner, Mary ..... Kentucky.
Waggoner, Samuel Boone ..... Kentucky.
Warren, William Hensel ..... Kentucky.
Weaks, Mabel Claire ..... Kentucky.
Wheeler, William Franklin ..... Kentucky.
Wigginton, Jesse Norman ..... Kentucky.
Williams, Mary ..... Kentucky.
Wills, Alvin Lamar ..... Kentucky.
Wilson, James Hardin ..... Kentucky.
Wilson, Mary Irene ..... Kentucky.
Wolfe, Mrs. Ethel ..... Kentucky.
Yarbrough, Thomas Foster ..... Georgia.
Yongue, William Johnston ..... Kentucky.
Yost, John Peter ..... California.
Young, Thomas a Becket.....Pennsylvania

COLLEGE OF LAW

Alexander, Edward ..... Kentucky.
Clay, James Thomas ..... Kentucky.
Cook, John Millard ..... Kentucky.
Crenshaw, Robert Walden ..... Kentucky.
Earlywine, Joseph Lewis ..... Kentucky.
Elam, Butler Jackson ..... Kentucky.
Ford, Hiram Church ..... Kentucky.
Moffett, Coleman Sharp ..... Kentucky.
Musick, Ryland Christmas ..... Kentucky.
Rehorn, Miles Palmer ..... Kentucky.
Shearer, Addie Napoleon ..... Kentucky.
Smith, John Dishman ..... Kentucky.
Talbert, Robert Macey ..... Missouri.
Tingle, James Hennessey ..... Kentucky.
Toler, James Albert ..... West Virginia.
Vance, John Thomas, Jr. ..... Kentucky.
Vinson, Thomas Washington ..... Kentucky.
Wade, Robert Jackson ..... Kentucky.
Wade, William Hannibal ..... Kentucky.
Wheatley, Archer ..... Illinois.
Whitley, Wade Hampton ..... North Carolina.
Wilking, Karl Zollars ..... Ohio
Yoder, Benjamin .....Illinois.

COLLEGE OF THE BIBLE

Adams, Iva Elmer ..... Kentucky.
Alexander, Guy Garfield ..... Kansas.
Alexander, Jesse A. ..... Kentucky.
Alexander, Pierre Logan ..... Indiana.
Allphin, Albert Sebeary ..... Kentucky.
Anderson, Ralph ..... Missouri.
Anderson, William Earl ..... Indiana.
Armstrong, Charles Edwin ..... New Brunswick.
Baker, Leslie William .....South Australia.
Baldwin, Warren ..... Kentucky.
Bare, Frank Myers ..... Illinois.

Barnett, Ernest Jackson ..... Arkansas.
Baugh, Arthur Heywood ..... Kentucky.
Beatty, George Ephraim ..... Indiana.
Berry, Carl Ray ..... Indiana.
Berry, Fessie ..... Kentucky.
Blakemore, William Barnett .....Kentucky.
Booker, Russell Errett ..... Illinois.
Braswell, Jonathan Calloway ..... Georgia.
Brisby, Dyer Cooper ..... Kentucky.
Brisby, Mary Elizabeth ..... Kentucky.
Brown, Henry Thomas ..... Kentucky.
Brown, Joseph Beatty ..... Kentucky.
Buckner, William Stanhope ..... Kentucky.
Bullock, Charles Henry ..... New South Wales.
Cargill, John Angel ..... Michigan.
Carpenter, Homer Wilson ..... Kentucky
Cassidy, Cabert ..... Kentucky.
Cooke, Harry Richard ..... Tennessee.
Cooke, Homer Franklin ..... Tennessee.
Cook, Oscar Lee ..... Texas.
Conkling, Joseph Wade ..... Florida.
Cox, Huston Harry .....Canada.
Crain, Nelson Adolph ..... Missouri.
Cull, Ophir ..... Kentucky.
Cunningham, John Wilson .....New Zealand.
Darnell, Joseph Newtown ..... Texas.
Day, Arthur George ..... New South Wales.
Dean, John Scott ..... Tennessee.
Dutt, Bertha Mennis ..... Kentucky.
Ehlers, Clifton Saunders ..... Maryland
Ellis, John Morrison ..... Kentucky.
Ewers, William Lindsay .....West Australia.
Ferguson, Robert Vaughn .....Kentucky.
Fern, Gilbert Harney ..... Kentucky.
Ficklin, Henry Stone ..... Missouri.
Fightmaster, Lillia May ..... Kentucky.
Fish, Thomas Graves ..... Kentucky.
Floyd, John Sumner ..... New Brunswick.
Foster, Rupert Clinton ..... Indiana.

Fredericksen, Neils Christian ..... Denmark.
Geros, Flossie ..... Kansas.
Gordon, Gifford Avondale Clive.....South Australia.
Gordon, Linely Vincent Glenroy.....South Australia.
Green, Joseph Lumpkin ..... Georgia.
Greenwell, Charles ..... .Kentucky.
Grubbs, Jesse Wickliffe ..... Kentucky.
Hall, James Walter ..... Kentucky.
Hall, Willie Franklin ..... Tennessee.
Hamilton, John Milton ..... Kentucky.
Hand, Ernest ..... Ohio.
Harrison, Traverse Whitefield..... Kentucky.
Hatfield, Charles Abner ..... Maine.
Heins, Jesse Elward ..... Iowa.
Hinnant, George Daniel ..... Georgia
Hiteman, Emma Lewis ..... Kentucky.
Hobgood, Clay ..... Kentucky.
Holder, Charles Bert ..... Alabama.
Holder, William Rupert ..... Alabama.
Holton, John Thomas ..... Kentucky.
Huffman, Ruby Mildred ..... Kentucky.
Huffman, William Lenzy ..... Kentucky.
Iwasaki, James .....Japan.
Jenkins, Nelo ..... Texas.
Jones, Robert Bertie ..... Kentucky.
Kenney, Charles Isaac ..... Missouri.
Kenney, Harvey Gerome ..... Missouri.
Knight, Thomas Russell ..... Oklahoma.
Law, William H. ..... Ohio.
Lee, James Allen ..... Alabama.
Lobingier, Leslie ..... New York.
Lunger, Errett Clinton ..... Pennsylvania.
Lunger, Henry Jacob .....Pennsylvania.
McCash, Earl ..... California.
McClendon, Willard Hulen ..... Kentucky.
McHargue, William Madison ..... Kentucky.
McMurray, Alva Dodds ..... Ohio.
Mains, Walter Raymond .....Indiana.
Manning, Harry Philip ..... South Australia.

Mattson, Frank John ..... Kentucky.
Miley, Encil Leigh ..... Ohio.
Mill, John Stuart .....Victoria, Australia.
Miller, Elbridge ..... Kentucky.
Miller, Kate Galt ..... Kentucky.
Mitchell, Erastus Lee ..... Kentucky.
Mize, Andrew Jackson ..... Georgia.
Mize, John Griggs ..... Kentucky.
Montague, Joel Benjamin ..... Missouri.
Montgomery, Ray Henry ..... Indiana.
Mott, Willie F. ..... Kentucky.
Mullins, Willie .....Kentucky.
Nichols, Charles Estil ..... Missouri.
Oliver, William Bruce ..... Kansas.
Osborne, Edmond Arthur..... South Australia.
Palmore, Richard Alsop ..... Kentucky.
Pyatt, Charles Lynn ..... Illinois.
Ray, James Elijah ..... Kentucky.
Rayner, Elijah Hardy ..... Massachusetts
Rea, E. L. ..... California.
Reed, Samuel P. ..... Kentucky.
Richard, Walter Lytle ..... Kentucky.
Richardson, Paul Lincoln ..... New Brunswick
Riddle, Robert Logan ..... Kentucky.
Ring, Lucile ..... Indiana.
Rush, John Samuel ..... South Carolina.
Savage, William ..... England.
Scott, Delaware Walter ..... West Virginia.
Shropshire, Newton Lary ..... Kentucky.
Sights, Alva ..... Kentucky.
Silvester, John James Talbot ..... West Australia.
Stambaugh, Francis Marion..... Kentucky.
Starns, Dudley ..... Kentucky.
Stone, Daniel Whitley ..... Virginia.
Swift, Harley Severin ..... New York.
Taylor, Herbert Richard ..... South Australia.
Taylor, William John .....South Australia.
Terrell, William Daniel ..... Kentucky.
Thomason, Garrett Theodore ..... Kentucky.

Thompson, Gus ..... Indiana.
Tsugami, Paul ..... Japan.
Verco, George Day ..... New South Wales.
Wallis, Fred Blight ..... California.
Ware, Charles Crossfield ..... Kentucky.
Webb, Henry Harrison ..... Ohio.
Weimer, Irvin Linus ..... Ohio.
Whitehouse, Wesley Clay ..... Kentucky.
Willingham, Rufus Coe .....Georgia.
Wilson, Matie Edward ..... Indiana.
Wilson, Robert Swan ..... Nova Scotia.
Wittchen, Robert Willhelm ..... Iowa.
Wolfe, William Addison ..... Kentucky.
Wraith, John Hope ..... California.
Wyatt, George Dalton ..... Kentucky.
Yost, J. P. ..... California.

PREPARATORY SCHOOL

Adams, Iva Elmer ..... Kentucky.
Barkley, David Bennett ..... Kentucky.
Bedford, Sidney McHenry ..... Colorado.
Bickers, Lucy Frank ..... Kentucky.
Breland, John Roderick .....South Carolina.
Brown, John Thomas ..... North Carolina.
Collis, Robert Alexander ..... Kentucky.
Colliver, Ernest Fleming ..... Kentucky.
Dorreen, Leonard McCormack ..... New Zealand.
Ellis, Ercel Francis ..... Kentucky.
Ford, Margaret Josephine ..... Kentucky.
Fox, Curtis Hough .....New York.
Furse, Robert Francis ..... Georgia.
Haley, Christmas Carol ..... Kentucky.
Haley, Eugene Wharton ..... Kentucky.
Hill Henry Prewitt ..... Michigan.
Howard, David Jewell ..... Kentucky.
Karrick, James Vance ..... Kentucky.
Linville, Benjamin Harmon ..... Kentucky.
Lyle, Josephine Irvine ..... Kentucky.

Malone, Evan Braxton	Georgia.
Martin, Rebel	Kentucky.
Noblitt, Talbert Elam	Tennessee.
Oldham, William Dowell	Kentucky.
Powell, William Franklin	Kentucky.
Rummans, Wiliam Delosson	Kentucky.
Sallee, John Thomas, Jr.	Kentucky.
Smither, Kenton Kane	Kentucky.
Smither, Walker Franklin	Kentucky.
Steele, Charley Patterson	Kentucky.
Thornton, Harry Barney	Kentucky.
Towles, Sherman Russell	Kentucky.
Tunis, John Theodore, Jr.	Kentucky.
Waggoner, Albert Boone	Kentucky.
Walker, Rice	Kentucky.
Watson, Ila Truman	Kentucky.
Watson, Lloyd Patrick	Kentucky.
Watson, Una Aubyn	Kentucky.
Wiggins, Clarence	Tennessee.
Wyatt, Charles Allen	Kentucky.
Wyatt, Thomas	Kentucky.

RECAPITULATION

College of Liberal Arts	185	
College for Women	67	
Preparatory School	41	293
College of Law		23
College of the Bible		144
Commercial College		390
Medical Department		267
		1117
Names counted twice		8
		1109

STATES AND TERRITORIES REPRESENTED

Arkansas
Alabama
California
Colorado
Florida
Georgia
Idaho
Illinois
Indiana
Indian Territory
Kentucky
Louisiana
Maryland
Massachusetts
Michigan
Mississippi
Missouri
Nebraska
New York
North Carolina
Ohio
Oklahoma
Pennsylvania
South Carolina
South Dakota
Tennessee
Texas
Virginia
Washington
West Virginia

FOREIGN COUNTRIES

Australia
Canada
China
Denmark
Japan
New Zealand
Turkey

CANDIDATES FOR GRADUATION

COLLEGE OF LIBERAL ARTS, JUNE 13, 1907

MASTER OF ARTS

Newton Lary Shropshire..... Lexington, Ky.
A. B., B. L., Central University.

BACHELOR OF ARTS

William Barnett Blakemore ..... Lexington, Ky.
William Abraham Crowley ..... Liberty, Mo.
Ernest Woodruff Delcamp ..... South Bend, Ind.
Nicholas Everett Florence.....Lexington, Ky.
Irvin Taylor Green ..... Horse Cave, Ky.
Mary Fithian Hutchcraft ..... Paris, Ky.
Reuben Brent Hutchcraft, Jr. ..... Paris, Ky.
Donald Campbell McCallum.....Kaniva, Australia.
Mary Thomas Scearce ..... Frankfort, Ky.
Pauline Tandy ..... Milton, Ky.
Mabel Claire Weaks .....Paducah, Ky.
Thomas a Becket Young.....Pittsburg, Pa.

COLLEGE OF LAW, JUNE 12, 1907

BACHELOR OF LAWS

Robert Walden Crenshaw ..... Cadiz, Ky.
Butler Jackson Elam ..... West Liberty, Ky.
Hiram Church Ford ..... Georgetown, Ky.
John Dishman Smith ..... Hindman, Ky.
Robert Macey Talbert .....Farmington, Mo.
Thomas Washington Vinson ..... Princeton, Ky.
Robert Jackson Wade ..... Longstreet, Ky.
William Hannibal Wade ..... Longstreet, Ky.
Archer Wheatley .....De Quoin, Ill.
Karl Zollars Wilking ..... Lowell, O.
Benjamin Yoder ..... Fairburg, Ill.

COLLEGE OF THE BIBLE, JUNE 11, 1907

CLASSICAL COURSE

William Barnett Blakemore ..... Paris, Tenn.
Homer Wilson Carpenter..... Flemingsburg, Ky.
John Leslie Lobengier..... New York, N. Y.
Newton Lary Shropshire..... Lexington, Ky.
Thomas a Becket Young..... Pittsburg, Penn.

ENGLISH COURSE

Frank Myers Bare ..... Fulton, Ill.
Walter Ernest Bryson ..... Worcester, Mass.
Gilbert Whitney Campbell..... Billings, Mo.
Joseph Wade Conkling..... Tillman, Fla.
Arthur George Day ..... Sidney, Australia
John Scott Dean ..... Glass, Tenn.
Clifton Saunders Ehlers ..... Baltimore, Md.
Thomas Graves Fish ..... Lexington, Ky.
Traverce Whitfield Harrison..... Augusta, Ky.
Walter Raymond Mains ..... Brooksburg, Ind.
Thomas Asa Minyard ..... Bowersville, Ga.
Andrew Jackson Mize ..... Meigs, Ga.
Edward James Nickerson ..... Quebec, Can.
Richard Alsup Palmore ..... Persimon, Ky.
Abney Lucien Stamper ..... Yorktown, Ind.
Charles Crossfield Ware ..... Lebanon, Ky.

INDEX

Accredited Schools 46
Administration and Instruction, Officers of..... 6
Advanced Standing 46
Aid to Students 32, 103
Alumni Society 10, 40
Athletics 39
Attendance 29
Bequests 40
Buildings and Equipment 18
Calendar 4
Candidates for Graduation 141
Carnegie Library 23
Christian Associations 34, 104
Christian Missions 35
College of Law—
- College Year 96
- Courses of Instruction 94
- Faculty 92
- Fees 31, 97
- Graduation 96
- Historical 93
- Location and Equipment 93
- Public Lectures 97
- Summer School 98
- Text Books 95

College of Liberal Arts—
- Admission by Certificate 44
  - by Examination 44
  - Course for 47
  - from Accredited Schools 46
  - on Condition 45
  - Requirements for 43
  - Studies Required for 47
  - to Advanced Standing 46
- Courses of Instruction:
  - Astronomy 79
  - Biblical History 76
  - Biology 81
  - Chemistry 80
  - Economics 85
  - English 67
  - French 62
  - Geology 81
  - German 71
  - Greek 63
  - History 74
  - Italian 73
  - Latin 65
  - Mathematics 77
  - Philosophy 84
  - Physics 80
  - Sociology 86
- Degrees: Courses for 54, 60
  - Requirements for 56, 60
- Elective Studies 56, 58, 59
- Examinations 61
- Faculty 42
- Honors 59
- Master's Degree 60
- Order of Recitations 88
- Reports 62
- Special Courses 61

College of the Bible—
- Board of Trustees 100
- Courses of Instruction 110
  - Biblical Criticism 116
  - Biblical Doctrine 116
  - Christian Ministries 117

Church History 118
Expression 117
Gospels in Greek 115
Hebrew 112
Hermeneutics 114
Homiletics 117
New Testament 113
Old Testament 110
Pauline Epistles in Greek 115
Philosophy 119
Worship and Work of the Church 118
Examinations and Reports 104
Expenses 109
Faculty 101
General Information 102
Government and Discipline 104
Order of Recitations 122
Outline of Courses 108
Requirements for Admission 105
Requirements for Graduation 107
College Year 26
Commercial College 128
Contents 3
Curators of the University 5
Debating Association 37
Declamatory Contests 37
Degrees and Diplomas 25, 54, 96, 107
Equipment 18, 93, 103
Expenses 30, 109
Faculties 42, 92, 101, 124
Fees 30, 97, 109
Government 26, 104
Graduation and Degrees 54, 60, 96, 107
Grounds 17
Hamilton College 25
Historical Sketch 11
Honor System 27
Lectures 37
Library Facilities 21
Literary Societies 36, 104
Location 17, 93, 102
Matriculates—
College of Law 134
College of Liberal Arts 129
College of the Bible 134
Preparatory School 138
Matriculation 28
Medical Department 15
Oratorical Contests 36
Organization 23
Preparatory School—
Admission 124
Courses of Instruction 124
Instructors 124
Order of Recitations 128
Physical Training 38, 104
Publications 38
Recapitulation 139
Reciprocal Privileges 24
Recitations, Order of 88, 122, 128
Religious Culture 34
Rooms and Board 32, 109
Scholarships 33, 103
Science Building 20
Social Life 35
Student Aid 32
Young Women, Provision for 24

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

BULLETIN OF THE STATE UNIVERSITY OF KENTUCKY

VOL. I MAY 1909 NUMBER 4

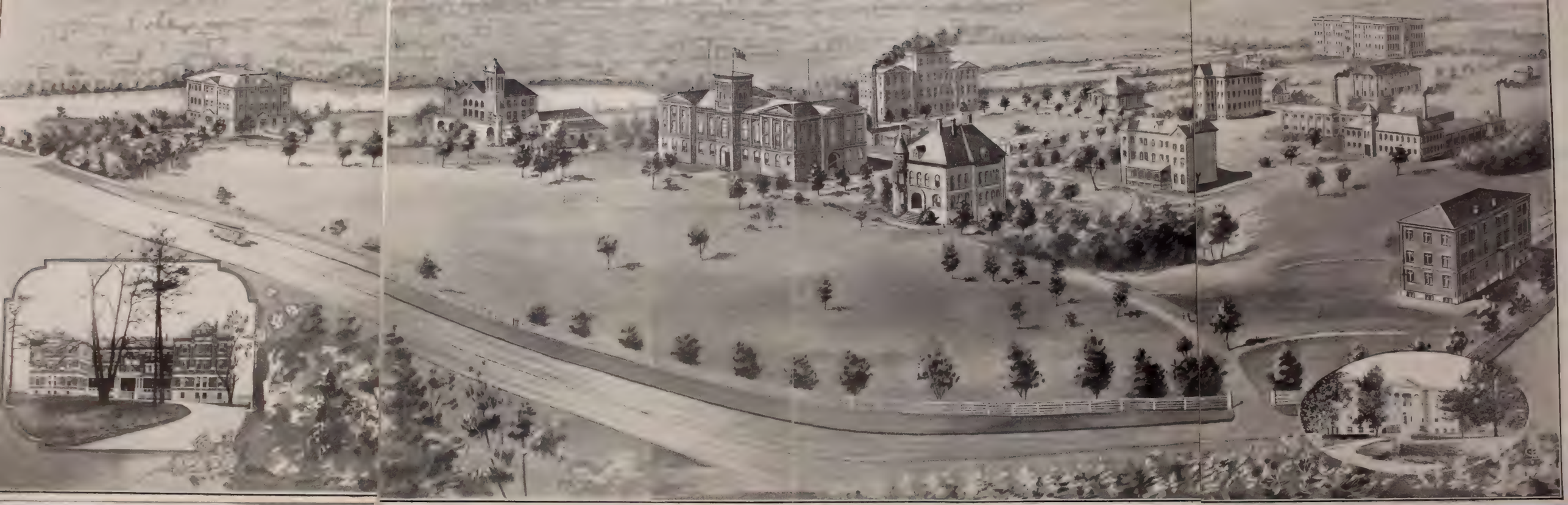
CATALOGUE NUMBER

FORTY-THIRD SESSION

1908-1909

Published Monthly by THE STATE UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY.

ntered as Second Class Matter December 29, 1908, at the Postoffice Lexington, Ky., under the Act of July 16, 1894.



CATALOGUE

OF THE

OFFICERS, STUDIES, AND STUDENTS

OF THE

STATE UNIVERSITY,

LEXINGTON, KENTUCKY.

FOR THE

SESSION ENDING JUNE 3, 1909.

1909
TRANSYLVANIA PRINTING CO.
Lexington, Ky.

CONTENTS

The State University 1
History 1
Scope of Studies 2
Department of Education 3
Kentucky Experiment Station 3
Location 4
Grounds 5
Buildings 5
Development 9
Board of Trustees 13
Officers of Instruction and Administration 14
Standing Committees of the Faculty 21
Kentucky Agricultural Experiment Station 22
Board of Control 22
Officers 22
U. S. Weather Bureau 24
Admission 25
Advanced Standing 34
Accredited Schools 34
Registration 35
Classification 36
Examinations and Reports 36
Religious Worship 37
Sanitary Arrangements 37
Dormitories and Board 37
Associations 40
Athletics 42
College Expenses 42
Manual Labor 45
Regulations 46
Public Exercises 46
Traveling Expenses 46
Enlistment of Cadets 47
Degrees 47
Resident Work 48
Non-Resident Work 48

Summer School 49
Organization 51
College of Arts and Science 52
Anatomy and Physiology 56
Botany 62
Chemistry 66
Domestic Science 73
Education 77
English and Logic 83
Entomology and Zoology 87
Geology 92
Latin and Greek 96
History, Political Economy and Metaphysics 103
Mathematics and Astronomy 105
Modern Languages 108
Physics 110
College of Agriculture 113
Agronomy 122
Animal Husbandry 124
Horticulture 127
Botany 129
Agricultural Chemistry 131
Entomology 131
Rural Engineering 132
Two Years' Course 132
Winter Course 133
College of Civil Engineering 136
Rural and Highway Engineering 147
College of Mechanical Engineering 153
College of Mining Engineering 165
Two Years' Course 175
College of Law 177
Lectures in English Literature 184
Physical Education 185
Military Science 190
The Academy 194
Alumni 201
Register of Students 218
Index 237

1909

JANUARY

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

FEBRUARY

..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	..	..	..	..	..	..
..	..	..	..	..	..	..

MARCH

..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
..	..	..	..	..	..	..

APRIL

..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	..

MAY

..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JUNE

..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	..	..	..

1909

JULY

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

AUGUST

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

SEPTEMBER

..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	..	..

OCTOBER

..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

NOVEMBER

..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

DECEMBER

..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

1910

JANUARY

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

FEBRUARY

..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..
..	..	..	..	..	..	..

MARCH

..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

APRIL

..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..

MAY

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

JUNE

..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	..	..

UNIVERSITY CALENDAR.

1909.

Summer Schools open	June 7th to Aug. 21st.
Examinations for Entrance	Sept. 2nd, 3rd, 4th.
Examinations to remove conditions	Sept. 2nd, 3rd, 4th.
Registration	Sept. 2nd to 8th.
First Term begins	Thursday, Sept. 9th.
Thanksgiving	Thursday, Nov. 25th.
Board of Trustees meet	Tuesday, Dec. 14th.
Christmas Holidays begin	Friday, Dec. 24th.

1910.

Second Term begins	Tuesday, Jan. 4th.
Second Term of the Academy begins	Monday, Jan. 31st.
Washington's Birthday	Tuesday, Feb. 22nd.
Union Society Contest	Tuesday, Feb. 22nd.
Third Term begins	Monday, March 21st.
Patterson Society Contest	Saturday, March 26th.
Final Examinations begin	Monday, May 23rd.
Board of Trustees meet	Tuesday, May 31st.
Class Day	Wednesday, June 1st.
Alumni Banquet	Wednesday, June 1st.
Commencement	Thursday, June 2nd.

SCHEDULE OF ENTRANCE EXAMINATIONS
1909

	Thursday Sept. 2.	Friday Sept. 3.	Saturday Sept. 4.
Algebra		11- 1 P. M.	9-11 A. M.
Astronomy	9-10 A. M.		8- 9 A. M.
Botany	10-11 A. M.		10-11 A. M.
Chemistry	11- 1 P. M.		9-11 A. M.
Civics		8- 9 A. M.	
Drawing		9-10 A. M.	
English	11- 1 P. M.		11- 1 P. M.
French	11- 1 P. M.		11- 1 P. M.
Geometry (Plane)	3- 5 P. M.	9-11 A. M.	
Geometry (Solid)		3- 5 P. M.	3- 5 P. M.
German		3- 5 P. M.	3- 5 P. M.
Greek	8- 9 A. M.	8- 9 A. M.	
History	9-11 A. M.		8- 9 A. M.
History (American)		9-10 A. M.	9-10 A. M.
Latin		3- 5 P. M.	3- 5 P. M.
Manual Training		3- 5 P. M.	3- 5 P. M.
Physical Geography		3- 5 P. M.	3- 5 P. M.
Physics		9-11 A. M.	9-11 A. M.
Physiology		9-10 A. M.	9-10 A. M.
Trigonometry	9-11 A. M.		11- 1 P. M.
Zoology		3- 5 P. M.	

THE STATE UNIVERSITY.

HISTORY.

GRICULTURAL and Mechanical colleges in the United States owe their origin to an act of Congress entitled "An Act Donating Public Lands to the several States and Territories which may provide Colleges for the benefit of Agriculture and the Mechanic Arts," approved July 2, 1862. The amount of land donated was 30,000 acres for each Representative in the National Congress. Under this allotment Kentucky received 330,000 acres. Several years elapsed before the Commonwealth established an Agricultural and Mechanical College, under this act. When established it was not placed upon an independent basis, but was made one of the colleges of Kentucky University, now Transylvania University, to which institution the annual interest of the proceeds of the Congressional land-grant was to be given for the purpose of carrying on its operations. The land-scrip had meanwhile been sold for fifty cents per acre, and the amount received—$165,000—invested in six per cent Kentucky State bonds, of which the State became custodian in trust for the College.

The connection with Kentucky University continued till 1878, when the act of 1865, making it one of the Colleges of said University, was repealed; and a commission was appointed to recommend to the Legislature of 1879-80 a plan of organization for an institution, including an Agricultural and Mechanical college, such as the necessities of the Commonwealth required.

The city of Lexington offered to the Commission (which was also authorized to recommend to the General Assembly the place which, all things considered, offered the best and greatest inducements for the future and permanent location of the College) the City Park, containing fifty-two acres of land within the limits of the city, and thirty thousand dollars of city bonds for the erection of buildings. This offer the county of Fayette supplemented by twenty thousand dollars in county bonds, to be used either for the erection of buildings or for the purchase of land. The offers of

Lexington and the county of Fayette were accepted by the General Assembly.

By the act of incorporation and the amendments thereto, constituting the charter of the Agricultural and Mechanical College of Kentucky, liberal provision is made for educating, free of tuition, the energetic young men and women of the Commonwealth whose means are limited. An act of the General Assembly of the Commonwealth of Kentucky approved March 16th., 1908, changed the style and title of the institution from Agricultural and Mechanical College to that of State University, Lexington, Kentucky. The University, with the additional departments which shall, from time to time, be opened as the means placed at the disposal of the Trustees allow, will, it is hoped, in the not distant future do a great work in advancing the educational interests of Kentucky. Being entirely undenominational in its character, it appeals with confidence to the people of all creeds and of no creed, and will endeavor, in strict conformity with the requirements of its organic law, to afford equal advantages to all, exclusive privileges to none. The liberality of the Commonwealth, in supplementing the inadequate annual income arising from the proceeds of the land-scrip invested in State bonds, has enabled the Trustees to begin and carry on, upon a scale commensurate with the wants of our people, the operations of the institution whose management and oversight have been committed to them by the General Assembly of Kentucky.

SCOPE OF STUDIES.

In the act of Congress making provision for the class of institutions to which The State University belongs, it is declared "that their leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life." To the three departments of agriculture, the mechanic arts, and military science, contemplated in the act as indispensable, an Experiment Station has been added by the United States, and liberal provision has been made for instruction in all branches of science and in the classics, so that this institution is

far more than an agricultural and mechanical college, embracing as it does, not merely the three original departments, but eighteen others.

DEPARTMENT OF EDUCATION.

In 1893 the college authorities, in response to a demand for advanced instruction for teachers, organized a full collegiate course leading to the degree of Bachelor of Pedagogy. In 1906 two full collegiate courses, each with Education as a major, were substituted for the course established in 1893. One leads to the degree of Bachelor of Arts in Education and the other to Bachelor of Science in Education.

KENTUCKY EXPERIMENT STATION.

The Agricultural Experiment Station of the State University was established by the Executive Committee of the Board of Trustees in September, 1885, when the Department was organized and a Director appointed. In 1886, the Station was recognized and named by the General Assembly of Kentucky. In 1887 it became the beneficiary of the first annual appropriation of $15,000, under the Hatch Act providing for the establishment of Agricultural Experiment Stations for the States and Territories. In 1906 "for the more complete endowment" of Agricultural Experiment Stations, an act of Congress, known as the Adams Act, appropriated to each State and Territory $5,000 for the year ending June 30, 1906, and the same sum with an increase of $2,000 per annum for five years, after which the maximum of $15,000 shall continue without change.

The work of the Station is directed to two objects: 1. To a constant succession of experiments made by specialists, in order to learn which applications of science will insure the best returns from the farm, the garden, the orchard, the vineyard, the stockyard, and the dairy. 2. To the publication of bulletins announcing such results of the experiments as are found to be valuable to the people of Kentucky who seek profit from any one of those prime sources of wealth—the soil, the flock, and the herd.

The results of experiments have been published in nineteen annual reports and one hundred and forty bulletins, and general appreciation of their utility is shown in the fact that, while no

bulletin is sent except upon application for it, the mailing list of the Station contains about thirteen thousand five hundred names, and is ever increasing.

With an ample endowment, a large and commodious building planned for the purpose, adequate apparatus, a good experimental farm conveniently situated, and a staff of twenty-one scientists engaged in seven divisions of research and in correspondence with other stations, the Kentucky Experiment Station is not only an important adjunct to the University in the education of students for the leading industrial pursuits, but, directly or indirectly, through the continual diffusion of knowledge for the benefit of so large a proportion of our population, it is extremely useful to the Commonwealth.

LOCATION.

The State University is located in the former City Park, in the southern part of the city of Lexington and near the Cincinnati Southern Railway. The site is elevated and commands a good view of much of the city and of the surrounding country.

Lexington, now a growing city of forty thousand inhabitants, is in the heart of the far-famed Blue Grass region, a region distinguished for fertility and healthfulness, wealth and beauty. Numerous schools and churches, an intelligent and refined population, well paved streets, handsome buildings, extensive waterworks, and an unsurpassed system of street electric railways make Lexington attractive as a seat of learning and place of residence, while the splendid stock farms scattered over the large body of fertile country around it afford advantages hardly equaled elsewhere for the student who desires to become familiar with the best breeds of horses, cattle, sheep, and swine in America. Moreover, with railroads diverging in seven directions, Lexington is the railroad center in Kentucky, and in direct connection with Louisville, Cincinnati, Maysville, Huntington, and Chattanooga, and with more than seventy counties of the Commonwealth. And when to the electric railways now in operation to Georgetown, Paris, Versailles, and Frankfort, those projected to Winchester, Richmond, and Nicholasville shall be added, the hourly trains of these roads will enable students residing near them to attend the University conveniently from their homes.

GROUNDS.

The campus of the University consists of fifty--two acres of land, located within the corporate limits of Lexington. The South Limestone electric car line extends along the western border of the campus, affording opportunity to reach in a few minutes any part of the city. The campus is laid out in walks, drives and lawns, and is planted with a choice variety of native and exotic trees and shrubs, to which additions are constantly being made. Two and a half acres forming the northeast portion of the campus, inclosed and provided with grand-stands are devoted to the field sports of the students.

About three-quarters of a mile south of the campus, on the Nicholasville pike, is the Experiment Station Farm, consisting of two hundred and forty-three acres. Here the field experiments of the Station are conducted, and students have opportunities to witness tests of varieties of field crops, dairy tests, fertilizer tests, fruit-spraying tests; in short, all the scientific experimentation of a thoroughly organized Station. The front of the farm is pasture and orchard. The rear portion is divided off into two hundred one-tenth acre plots, for convenience in making crop tests.

BUILDINGS.

Administration Building.—This is a structure of stone and brick, 140x68 feet. It contains the offices of the President, the Registrar, the Business Agent, and the local offices of the United States Weather Bureau of the Department of Agriculture, as well as the chapel, in which each day the students and the Faculty meet for worship, and in which are held public gatherings and such other meetings as bring together the entire student body. The remaining space in this building is occupied by recitation rooms.

Chemical Building.—This structure is well planned for the object for which it was built. It is seventy feet in length and fifty feet in width, with a tower projection in front, and an octagonal projection 18x18 on the north side. The building is two stories high, upon a basement eleven feet from floor to ceiling.

Mechanical Hall.—This building is of native limestone and brick. It is designed to take care of the work in the College

of Mechanical and Electrical Engineering. Shops, laboratories, recitation rooms, lecture rooms, drawing rooms and apparatus are provided for giving comprehensive training in the science of dynamic engineering.

SCIENCE HALL.—This building, erected for the departments of natural science, is three stories in height, 96x97 feet in size, of pressed brick and trimmed with Bowling Green stone. The first and second stories are occupied with offices, laboratories and lecture rooms, the latter being equipped with opera chairs, projection lanterns and other suitable furnishings. The third floor is used for the offices and museum of the State Geological Survey.

GYMNASIUM.—This structure of pressed brick and Bedford stone, 100x157 feet, with the central part three stories high, the right wing one and the left two, stands north of the Administration Building.

The first floor of the central portion contains the Armory, lockers for women, and the offices of the Commandant and the Physical Director for men. The second floor is occupied by the Y. M. C. A. Hall, the Trustees' room, a literary society hall for women, and the offices of the Physical Director for women. The third floor is divided into two literary society halls for men and the Alumni Hall. All these rooms are commodious and well adapted to their purpose. The right wing, which is 48x95 feet, is used as a drill room during bad weather. In the basement of the left wing there are baths, lockers for men, wash stands, closets, and a swimming pool. The second floor, the gymnasium proper, is equipped with the best apparatus that could be procured.

EDUCATION BUILDING.—This building was erected for the use of the Departments of Education and Domestic Science. The construction is of pressed brick and Bedford stone, and the design follows the most approved style of modern school architecture. The building contains ten class-rooms, a study-room for young women, and one for young men, a department library-room, two offices and a very large room for the literary-society of the Department of Education.

LIBRARY.—This building is due to the munificence of that prince of benefactors, Andrew Carnegie. It is located on the court between the Administration Building and the President's House, is

fifty-six feet square, two stories high, including the tall basement of range-ashlar, is built of pressed brick, trimmed with terra cotta.

Agricultural Hall.—This building, for the erection of which provision was made by the Board of Trustees at their meeting in December, 1906, was completed and occupied in the early summer of 1908. Designed to be a wing of the larger structure which it is expected the College of Agriculture will eventually require, it is three stories in height, 45x100 feet in size, and constructed of pressed brick and Bedford stone.

The basement contains large rooms arranged for farm machinery, general farm mechanics, potting and propagating, and for the heating plant. On the first floor are the office of the Dean, the general and advanced plant laboratories, and a lecture room. On the second floor are the offices for the Professor of Animal Husbandry and the Professor of Agronomy, three class-rooms, and an attractive reading room. The third floor affords space for an Agricultural Museum, a commodious assembly room for the Grange and other agricultural society meetings and exhibitions, and a photographic laboratory with dark rooms, both for student use and department work. A modern iron-frame laboratory greenhouse for the study of living plants and for experiments is attached to the rear.

Civil Engineering and Physics Building.—This building was planned for the technical work of the College of Civil Engineering and for the Department of Physics. It is a three-story brick structure 79x127 feet, trimmed with cut stone and occupies the highest point on the University campus. It has floor space of about 40,000 square feet and contains offices, lecture-rooms and laboratories to meet the growing needs of the departments for which it was planned. It will be completed before mid-summer.

Mining Building.—A large and commodious laboratory for Mining Engineering has been recently provided and is now in use.

Observatory.—An observatory for the use of an eight-inch telescope with the necessary appliances for making it available, is among the recent additions to the educational equipment of the University.

DORMITORIES.—The two large brick dormitories on the campus afford lodgings for the students who wish to lessen their expense of living.

Other buildings on the campus are a brick dwelling for the President, a cottage occupied by the Commandant, and a greenhouse for the care and propagation of ornamental plants.

EXPERIMENT STATION BUILDING.—This handsome structure is located on South Limestone Street, one-fourth of a mile from the campus, and was completed in the winter of 1904. The building is of two stories and a basement, constructed of pressed brick with oolitic limestone trimmings. The foundation is of Kentucky gray limestone faced with broken ashlar oolitic limestone, the balustrade of terra cotta. A large portico, with columns extending from the first floor line to the pediment on a level with the cornice, forms an attractive feature of the building. The cornice is massive, with large brackets.

The general design of the building, which is 114x60 feet, is colonial, adhering mainly to classic proportion and combinations.

FARM BUILDINGS.—On the farm is a brick dwelling occupied by the Director of the Station, and the usual buildings for the care of tools, the protection of stock, and the like.

PATTERSON HALL.—This building, the residence of the women students of the University, is a large and handsome three-story brick structure of a hundred and fifty feet front, built on a fine site of about three acres fronting two hundred and ten feet on South Limestone street, on which is a line of the City Electric Railway. Within a quarter of a mile of the University on the south, a half mile of the Court House, principal hotels and the Postoffice on the north, and distant not more than ten minutes by electric railway from the principal churches of the city, Patterson Hall is, for all purposes, admirably located. The building is heated by steam, lighted by electricity and supplied with hydrant and cistern water. It has a front veranda of 14x68 feet, wide halls, a wardrobe in every bed room, and thirteen bath-rooms. With walks, drives and numerous old forest trees, the spacious front lawn, one of the most beautiful in Lexington, is an inviting place for exercise. Ample provision has also been made for exercise in the rear lawn, on which are tennis courts and croquet grounds.

DEVELOPMENT.

The growth of the University from year to year is shown as follows:

1862. To establish and endow a college, chiefly for instruction in agriculture and the mechanic arts, an act of Congress apportioned to each State, for each of its Senators and Representatives in Congress, 30,000 acres of the public land.

1865. The General Assembly of Kentucky having accepted the State's portion under the conditions prescribed, established the Agricultural and Mechanical College, making it one of the colleges of Kentucky University, then recently united with Transylvania University and located at Lexington, citizens of Lexington and its vicinity donating $110,000 to the Curators of the University to buy a site for the College. The General Assembly authorized the Commissioners of the Sinking Fund to sell the 330,000 acres apportioned to Kentucky, but the State realized for its land only $165,000, in consequence of the mismanagement of the Commissioners' agent.

1866. The College opened with a President, four Professors and a Commandant.

1878. Dissatisfied with the management of the College by the Curators, who were engaged in a long factional strife, the General Assembly severed the connection with the University, and appointed a committee to re-locate the College, to provide for its continuance in operation until re-located, and to prepare "a plan for a first-class University." Kentucky University claimed and retained the former site of the College, and the sole property of the latter after the severance was an income of $9,900 derived from the land-grant.

1880. The City of Lexington offered the City Park of fifty-two acres as a new site for the College, and also $30,000 in bonds, and the County of Fayette offered $20,000 besides. The General Assembly ratified the selection of the site made by a majority of the commission, and located the College permanently in Lexington.

1880. To provide teachers for the common schools of the State and for other schools, the General Assembly added to the College a Normal Department, which should admit, besides other students, one from each representative district every year free of tuition.

1880. Further to endow the College and to enable it to purchase apparatus, machinery, implements, and a library; to maintain the Normal Department, and to defray other necessary expenses, the General Assembly imposed a tax of one-half cent on each hundred dollars of the assessed value of all property in the State liable to taxation for State revenue and belonging to its white inhabitants.

1880. The Classical and Normal Departments, and the Academy were added.

1882. The College Building, the First Dormitory, and the President's House were completed.

1885. The Commandant's House was reconstructed.

1887. To enlarge by experiments and to diffuse the knowledge of agriculture, an act of Congress established, under the direction of the Agricultural and Mechanical College in each State, an Agricultural Experiment Station, appropriating for its support $15,000 per annum.

1887. The Department of Civil Engineering was established, an experimental farm of forty-eight acres purchased, and the College Greenhouse built.

1889. The Experiment Station Building was completed.

1890. The Second Dormitory was completed.

1890. For "the more complete endowment" of Agricultural and Mechanical Colleges, an act of Congress appropriated to each State $15,000 for the year ending June 30, 1890, and the same sum with an increase of $1,000 per annum for ten years, after which the maximum of $25,000 should continue without change. Of the amount thus annually appropriated the University receives 85 per cent. and "The Kentucky Normal and Industrial Institute" for colored people at Frankfort 15 per cent.

1891. The Department of Mechanical Engineering was established.

1891. The Department of Anatomy and Physiology was established.

1892. The Mechanical Building and Workshops were completed.

1894. Greenhouses for the Experiment Station were built.

1894. The Department of Physics was established.

1895. The Annex to the Mechanical Building and the Insectarium for the Station were built.

1897. The Department of Electrical Engineering was established. Additions were made to the Greenhouses and Insectarium.

1898. The Building for Natural Science was completed.

1898. Sixty-four and a half acres were added to the Experimental Farm, making one hundred and thirteen acres.

1900. Sixty thousand dollars were appropriated by the General Assembly for a Collegiate Home for Young Women, for a Gymnasium and Drill Room, and a hall for the Y. M. C. A.

1901. Ninety acres were added to the Experimental Farm, making two hundred and three acres. The Gymnasium, the Drill Room, the Halls for the Societies and the Y. M. C. A. were completed

1901. The Department of Mining Engineering was added.

1902. The Department of Physical Education was added.

1902. Thirty thousand dollars additional were appropriated by the General Assembly for the Young Women's College Home, making $60,000 in all.

1904. Patterson Hall, the Young Women's University Home, was completed.

1904. Fifteen thousand dollars per annum were appropriated by the General Assembly to defray the expenses of the College.

1905. The New Experiment Station was completed.

1906. The Department of Domestic Economy was added.

1907. The building for the Department of Education was erected. The Carnegie Library Building and the Agricultural Hall were begun. The Academic (preparatory) Course was extended to three years. Forty acres were added to the Experimental Farm, making two hundred and forty-three acres. The Mining Laboratory and the Observatory were erected.

1908. Name changed from Agricultural and Mechanical College to State University. The College of Law was established. Two hundred thousand dollars were appropriated by the General Assembly for buildings and twenty thousand dollars for additional annual income. The Library and the Agricultural Hall were completed. The building for the College of Civil Engineering and the Department of Physics was begun.

Increase of Property.—The property of the University is estimated to be worth $900,000 more than it was in 1880.

Increase of Courses.—Before 1880 the University offered a single course of study leading to a degree; it now offers seven.

Increase of Teachers.—Before 1880 the University had six Professors; it now has twenty-seven professors and forty-three assistants.

Increase of Students.—The number in 1898-99 was 480, the largest till then in the history of the University; in 1903-1904 it was 732; in 1907-1908 it was 1,064.

Increase of Graduates.—No fact more distinctly marks the growth of the University than the increase in the number of its graduates. More students have been graduated during the last three years than were graduated during the first thirty.

BOARD OF TRUSTEES.

His Excellency Augustus E. Willson,
Governor of Kentucky, Chairman, Ex-Officio.

President James K. Patterson,
Member Ex-Officio.

Hon. John G. Crabbe,
Superintendent of Public Instruction, Member Ex-Officio.

TERM EXPIRES JANUARY, 1910.

Basil M. Brooks, Esq., ... Slaughterville
*David F. Frazee, Esq., ... Lexington
Hon. Frank A. Hopkins, ... Prestonsburg
Charles B. Nichols, Esq., ... Lexington
Judge Robert L. Stout, ... Versailles

TERM EXPIRES JANUARY, 1912.

Judge Henry S. Barker, ... Louisville
Hon. Tibbis Carpenter, ... Scottsville
Hon. William H. Cox, ... Maysville
Denny P. Smith, Esq., ... Cadiz
Hon. Claude B. Terrell, ... Bedford

TERM EXPIRES JANUARY, 1914.

Hon. Cassius M. Clay, ... Paris
Hywell Davies, Esq., ... Kensee
Richard C. Stoll, Esq., ... Lexington
Louis L. Walker, Esq., ... Lancaster
Richard N. Wathen, Esq., ... Lebanon

EXECUTIVE COMMITTEE.

*David F. Frazee,
Chairman.

Cassius M. Clay.
Hywell Davis.
Charles B. Nichols.
Claude B. Terrell.

David C. Frazee,
Secretary of the Board and of the Executive Committee.

---

*Died February 18, 1909.

OFFICERS OF INSTRUCTION AND ADMINISTRATION.

(In order of appointment)

PRESIDENT.

JAMES KENNEDY PATTERSON, PH. D., LL. D., F. S. A.,
Professor of History, Political Economy and Metaphysics,
President's House, College Campus.

JAMES GARRARD WHITE, A. M.,
Professor of Mathematics and Astronomy,
158 East Maxwell Street.

VICE-PRESIDENT.

*JOHN HENRY NEVILLE, A. M., LL. D.,
Professor of Greek and Latin,
722 West Main Street.

WALTER KENNEDY PATTERSON, A. M.,
Principal of the Academy,
President's House, College Campus.

JOSEPH WILLIAM PRYOR, M. D.,
Professor of Anatomy and Physiology,
261 North Broadway.

FREDERICK PAUL ANDERSON, M. E.,
Professor of Mechanical Engineering,
147 Kentucky Avenue.

CLARENCE WENTWORTH MATHEWS, B. S.,
Professor of Horticulture and Botany,
660 South Limestone Street.

ARTHUR McQUISTON MILLER, A. M.,
Professor of Geology, Zoology, and Entomology,
609 South Limestone Street.

MERRY LEWIS PENCE, M. S.,
Professor of Physics,
108 Merino Street.

---

*Died September 28, 1908.

ALEXANDER ST. CLAIR MACKENZIE, M. A., F. R. S. L.,
Professor of English and Logic,
Reed Hotel.

CHARLES JOSEPH NORWOOD, M. S.,
Professor of Mining Engineering,
339 Aylesford Place.

ALEXANDER MASSEY WILSON, M. E.,
Professor of Electrical Engineering,
326 Harrison Avenue.

ALFRED CHARLES ZEMBROD, A. M.,
Professor of French and German,
456 West Fourth Street.

FRANKLIN ELLIOTT TUTTLE, A. M., Ph. D.,
Professor of Chemistry,
125 East Maxwell Street.

WALTER ELLSWORTH ROWE, C. E.,
Professor of Civil Engineering,
347 Transylvania Park.

LEON KAUFMAN FRANKEL, M. E.,
Professor of Machine Design,
324 Aylesford Place.

PHILIP WORTHINGTON CORBUSIER, First Lieut. U. S. A.,
Commandant, and Professor of Military Science and Tactics,
Commandant's House, College Campus.

THEODORE TOLMAN JONES, A. M.,
Acting Professor of Latin and Greek,
316 South Broadway Park.

JAMES THOMAS COTTON NOE, A. M.,
Acting Professor of Education,
321 Linden Walk.

WILLIAM THORNTON LAFFERTY, A. M.,
Dean of the College of Law,
Cynthiana.

MRS. ROBERT LEE STOUT,
Physical Director and Dean of Women,
Versailles.

JOHN JULIAN HOOPER, B. S.,
Professor of Animal Husbandry,
609 South Limestone Street.

RALPH NELSON MAXSON, PH. D.,
Professor of Inorganic Chemistry,
366 Transylvania Park.

CHARLES KERR,
Professor of Contracts and Corporations,
658 North Broadway.

THOMAS EDWIN MOORE, JR., A. B.,
Professor of Property and Pleading,
Paris.

COLUMBUS RUDOLPH MELCHER, A. M., LL. B.,
Associate Professor of French and German,
351 Linden Walk.

W. WALTER H. MUSTAINE, B. S.,
Physical Director of Men,
341 South Limestone Street.

LECTURER:

MISS ELIZABETH SHELBY KINKEAD,
Lecturer on English Literature,
243 West Second Street.

ASSISTANT PROFESSORS AND INSTRUCTORS:

JOSEPH MORTON DAVIS, A. M.,
Assistant Professor of Mathematics,
340 Madison Place.

WILLIAM SNYDER WEBB, M. S.,
Assistant Professor of Physics,
Greendale.

MISS ISABELLA WEST MARSHALL, A. B.,
Instructor in Domestic Science,
600 Rose Street.

MISS SUE DOBYNS McCANN, M. S.,
Instructor in Entomology and Assistant in Zoology,
137 East High Street.

WILLIAM JOSEPH CARREL, B. S., C. E.,
Assistant Professor in Civil Engineering,
395 Linden Walk.

*FREDERIC WILLIAM MILLER, A. B., B. Ped.,
Assistant Professor of English,
308 South Broadway.

JAMES EDWARD TUTHILL, Ph. D.,
Assistant Professor of History and Political Economy,
342 South Limestone Street.

LOUIS EDWARD NOLLAU, M. E.,
Assistant in Drawing and Shop Work,
404 Aylesford Place.

ROBERT CRAIG TERRELL, C. E.,
Assistant Professor of Rural and Highway Engineering,
395 Virgina Avenue.

THOMAS JAMES BARR, B. M. E.,
Assistant Inspector of Mines and Mining Engineering,
137 Constitution Street.

RALPH MORRIS, A. B.,
Substitute for Assistant Professor Miller,
124 Hagerman Court.

ASSISTANTS:

MISS MARTHA RIPPERDAN WHITE, M. S.,
Assistant in Mathematics,
158 East Maxwell Street.

KNOX JAMISON, A. B.,
Assistant in the Academy,
390 South Upper Street.

---

*On leave of absence.

JOHN LESLIE PURDOM, A. B.,
Assistant in the Academy,
City Y. M. C. A. Building.

ALFRED GAY McGREGOR, A. B.,
Assistant in the Academy,
341 Aylesford Place.

ALFRED HOLLEY GILBERT, B. S.,
Assistant in Botany,
609 South Limestone Street.

EZRA L. GILLIS, A. B.,
Assistant in Education,
124 Hagerman Court.

HENRY DRAPER EASTON, B. S.,
Assistant in Mining Engineering and Metallurgy,
423 Woodland Avenue.

HARRY ESSEX, A. B.,
Assistant in Chemistry,
609 South Limestone Street.

ELIJAH LATHAM REES, C. E.,
Assistant in Mathematics,
143 Walton Avenue.

WILLIAM SHACKLETTE HAMILTON, A. B.,
Assistant in the Academy,
321 Linden Walk.

LLOYD CADIE DANIELS, B. S., PH. D.,
Assistant in Chemistry,
260 South Limestone Street.

RALPH DETWEILER QUICKEL, B. S.,
Assistant in Mining Engineering,
332 Rose Street.

JAMES RUSSELL JENNESS, B. S.,
Assistant in Physics,
City Y. M. C. A. Building.

WILLIAM DURRETT NICHOLS, B. S. IN AGR.,
Assistant in Agricultural Dairying,
605 South Limestone Street.

JOSEPH DICKER,
Assistant in Blacksmith Shop and Foundry,
169 Virginia Avenue.

JOHN BORN DICKER,
Assistant in Machine Shop,
174 Virginia Avenue.

LEO LOGAN LEWIS, B. M. E.,
Assistant in Wood Shop,
270 South Limestone Street.

CHARLES EDGAR SCHOENE, B. M. E.,
Assistant in Mechanical Engineering,
353 South Mill Street.

GEORGE McINTYRE HOWARD,
Assistant in Experimental Laboratory,
381 South Mill Street.

ARZA LYTLE WILHOIT, B. M. E.,
Assistant in Steam Laboratory,
312 South Upper Street.

JOSEPH MILLER, Q. M. Sergeant, Retired, U. S. A.,
Assistant in Military Science and Tactics,
No. 6 Old Dormitory.

GUY BAKER TAYLOR, B. S.,
Fellow Assistant in Chemistry,
200 East Maxwell Street.

WILLIAM WASHINGTON SHELBY, Jr., B. E. M.,
Fellow Assistant in Mining Engineering,
177 North Broadway.

HOWARD HARDESTY DOWNING, B. C. E.,
Fellow Assistant in Civil Engineering, Mathematics, and Physical Education,
127 North Hanover Avenue.

GEORGE FRANCIS BROWNING,
Student Assistant in Mechanical Engineering and Mathematics.

GEORGE B. WILKEN,
Student Assistant in Farm Mechanics.

GEORGE THOMAS SCOTT,
Student Assistant in Horticulture and Botany.

KENNETH ODIN CAYCE,
Student Assistant in Agronomy and Animal Husbandry.

ERBIE LEE HARRISON,
Student Assistant in the Academy.

RICHARD ALEXANDER EDWARDS,
Student Assistant in Free-hand Drawing.

ROBERT LYNDEN SCHMID,
Student Assistant in Civil Engineering.

OTHER OFFICERS:

MRS. LUCY BERRY BLACKBURN,
Monitress,
630 Central Avenue.

JOSEPH WILLIAM PRYOR, M. D.,
Surgeon of the Battalion,
261 North Broadway.

WILLIAM T. LAFFERTY, A. M.,
Comptroller,
Cynthiana.

MISS MARGARET ISADORA KING, A. B.,
Registrar,
225 South Limestone Street.

DAVID C. FRAZEE,
Business Agent,
227 East High Street.

CLARENCE W. MATHEWS, B. S.,
Secretary of the Faculty,
660 South Limestone Street.

MRS. CAROLINE EMBRY WALLIS,
Matron of Patterson Hall,
Patterson Hall.

STANDING COMMITTEES OF THE FACULTY

Entrance Requirements and Accredited Schools. Chairman, Professor Miller; Professors Mackenzie, White, Patterson.

Courses of Study. Chairman, Professor Pence; Professors Jones, Miller, Anderson, Rowe, Norwood, Mackenzie, Tuttle, Mathews.

Calendar and Bulletins. Chairman, Professor White; Professors Miller, Patterson, Melcher.

Diplomas and Degrees. Chairman, Professor Anderson; Professors Mackenzie, Zembrod, Tuthill.

Class Standing and Examinations. Chairman, Professor Mackenzie; Professors White, Miller, Tuttle, Davis, Maxson, Anderson.

College Discipline and Morals. Chairman, Professor Mathews; Professors Norwood, Miller, Lafferty, Anderson, Patterson, Rowe, Corbusier.

Commencement Exercises. Chairman, Professor White; Professors Anderson, Hooper.

Student Publications. Chairman, Professor Norwood; Professors Melcher, Wilson, Rowe.

Athletics. Chairman, Professor Miller; Professors Zembrod, Anderson, Rowe, Corbusier, and Physical Director ex-officio.

Entertainments Non-Athletic. Chairman, Professor Mathews; Professors Pryor, Frankel.

Student Organizations. Chairman, Professor Pryor; Professors Pence, Rowe.

KENTUCKY AGRICULTURAL EXPERIMENT STATION.

BOARD OF CONTROL

CHARLES B. NICHOLS, ESQ., *Chairman*.....Lexington
*DAVID F. FRAZEE, ESQ. .....Lexington
LEWIS L. WALKER, ESQ. .....Lancaster
RICHARD C. STOLL, ESQ. .....Lexington
PRESIDENT JAMES K. PATTERSON, *ex-officio*.....Lexington
DIRECTOR M. A. SCOVELL, *Secretary ex-officio*.....Lexington

OFFICERS

MELVILLE AMASA SCOVELL, PH. D.,
Director and Chemist,
Experiment Station Farm

ALFRED MEREDITH PETER, M. S.,
Chief Chemist, Head of Chemical Division,
268 East Maxwell Street.

HENRY ERNEST CURTIS, M. S.,
Chief Chemist, Head of Fertilizer Division,
355 Linden Walk.

HARRISON GARMAN,
Head of Division of Entomology and Botany,
638 South Limestone Street.

WILLIAM HENRY SCHERFFIUS, M. S.,
Agronomist, Head of Agricultural Division,
149 Washington Avenue.

**ROBERT McDOWELL ALLEN, A. B.,
Head of Food Division,
609 South Limestone Street.

---

*Deceased.
**On leave of absence.

JAMES OSCAR LaBACH, M. S.,
Chief Chemist, Food Division,
City Y. M. C. A. Building.

MISS MARY LeGRAND DIDLAKE, M. S.,
Assistant Entomologist and Botanist,
481 East Main Street.

JOB DARBIN TURNER, B. Ped.,
Head of Feed Division,
120 East Maxwell Street.

SAXE DABNEY AVERITT, M. S.,
Chemist, Chemical Division,
304 East Maxwell Street.

OLIVER MARCH SHEDD, M. S.,
Chemist, Chemical Division,
348 Linden Walk.

EDWIN STANTON GOOD, M. S.,
Head of Division of Animal Husbandry,
Nicholasville Road.

GEORGE ROBERTS, M. S.,
Chemist, Fertilizer Division,
618 South Limestone Street.

HOWEL DAVIS SPEARS, M. S.,
Chemist, Feed Division,
Cor. Washington Avenue and Rose Street.

EARL CLEVELAND VAUGHN, A. B.,
Assistant Entomologist and Botanist,
304 South Limestone Street.

EDWIN KINNEY, B. Agr. S.,
Assistant Entomologist and Botanist,
152 East Maxwell Street.

THOMAS RIPLEY BRYANT, B. S.,
Assistant, Animal Husbandry Division,
129 East Maxwell Street.

WILLIAM RODES, B. S.,
Assistant Chemist, Fertilizer Division,
152 East High Street.

JOHN WILLIAM NUTTER,
Assistant in Dairying, Animal Husbandry Division,
149 West Virginia Avenue.

ELMER FRANCIS WORTHINGTON,
Superintendent of Farm,
Experiment Station Farm.

JOHN WILLIAM McFARLIN, B. S.,
Inspector,
Franklin, Ky.

BENJAMIN FRANKLIN SCHERFFIUS, B. AGR.,
Inspector,
230 West High Street.

WILLIAM EDWARD GARY, B. S., M. D.,
Inspector, Food Division,
Louisville, Kentucky.

HERMAN CASSIDY WOOSLEY, B. AGR.,
Special Agent, U. S. Department of Agriculture,
129 East Maxwell Street.

MISS LILLIE LISTON,
Stenographer, Food Division,
270 South Limestone Street.

MISS OLIVA LOUISE GINOCHIO,
Stenographer,
240 Lexington Avenue.

MISS ANNA WALLIS, A. B.,
Stenographer, Feed Division,
Patterson Hall.

MISS KATHERINE TEMPLE HOPSON, A. B.,
Stenographer,
642 Central Avenue.

U. S. WEATHER BUREAU

GEORGE HAROLD NOYES, A. B.,
Forecaster,
332 Harrison Avenue.

HOMER WILLIAM BALL,
Assistant Observer,
464 Rose Street.

ADMISSION.

All applicants for admission to the University or to the Academy should bring satisfactory testimonials of good moral character.

A student may be admitted to the University in one of four ways:

(a) By examination.

(b) By certificate from an accredited school.

(c) By transfer of credits from some other college or University.

(d) As a special student.

ADMISSION BY EXAMINATION.

Examinations for admission will be held at the University on September 2, 3, 4, 1909.

All persons who wish to enter the University for the Fall Term's work, except those whose entrance credits have been accepted by the Committee on Entrance, must take these examinations. They should present themselves at the office of the Committee on Entrance at 8:30 A. M. of Thursday, September second. They will then receive directions concerning the places at which the examinations will be held. For the hours of examinations, see schedule.

ADMISSION FROM ACCREDITED SCHOOLS, COLLEGES OR OTHER UNIVERSITIES.

Persons who desire to enter the University by credits instead of by examination must have these credits certified to by the proper official of the school in which they were secured. Blank forms for such certificates will be furnished by the Registrar of the University on application. These certificates should be sent as soon as possible (by June 15 from accredited schools), to the Committee on Entrance. This committee will then notify the student that his credits are approved or that he must take entrance examinations in subjects for which his credits are not satisfactory.

ADMISSION AS A SPECIAL STUDENT.

A graduate of another University or College may enter the University to pursue any special work. Persons of maturity who for one reason or another have been out of school to such an extent that they are unable now to offer the fifteen units required for entrance to the Freshman class may be admitted as special students under the following conditions:

(a) They must be at least twenty-two years of age.

(b) They must show good reason for not taking a regular course.

(c) They must demonstrate their ability to do the work which they propose to undertake.

Students who have failed in their work, in either regular or special courses, will not be admitted as special students.

Young, immature persons will not be admitted as special students. County appointees are required by the terms of appointment to do full work in a regular course of study and cannot, therefore, be admitted as special students.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS.

Fifteen units, each requiring the pursuit of a subject for five hours a week for one school year of not less than thirty-four weeks, are required for admission to the Freshman Class in any College of the University.

Ten of these units must be as follows:

Algebra	1½
Geometry (Plane)	1
Geometry (Solid)	½
History	1
Language (English)	3
Language (One Ancient or Modern)	2
Physics	1

The remaining five units may be selected at will from the following subjects:

Astronomy	½
Botany	½
Chemistry	1

Civics	½
Drawing	½
History	1
History (American)	½
Language (Ancient or Modern)	3
Manual Training	½
Physical Geography	½
Physiology	½
Trigonometry	½
Zoology	½

Candidates for the degree of Bachelor of Arts must present five credits in Foreign Language, three of which must be in Latin.

No subject offered as an entrance requirement can be counted again in the total credits required for the completion of a college course.

DEFINITION OF UNITS IN THE SEVERAL SUBJECTS.

MATHEMATICS

The units in Mathematics are as follows:

Algebra—One and one-half units. The work in Algebra to be acceptable must cover a full year in some good elementary text, such as Slaught and Lennes, Stone-Millis, Collins, Wentworth, Wells or Milne; and a full half-year in some more advanced text, such as Wentworth's Higher, Fisher and Schwatt's Higher, Well's Advanced, Hawke's Advanced, Milne's Advanced or Fine's College. *Preference should be given to the newer books which contain work on graphs.* The student must show a good knowledge of factoring, common divisors and multiples, fractions, involution embracing the binominal theorem for positive integral exponents, radicals, imaginary quantities, equations of the first and second degree involving one or more unknown quantities, equations solved like quadratics, simple indeterminate equations, and equations involving radicals, ratio and proportion, arithmetical and geometrical progressions. The student is expected to be able to state and explain the reason for every step in his work. The solution of problems by means of equations should be the chief aim in studying Algebra.

GEOMETRY (PLANE)—One Unit. The work in Plane Geometry to be acceptable must cover a full year in such a text as Beman and Smith, Wentworth, Milne, or Durell.

It is recommended that part of the year be spent upon the applications of Alegbra to Geometry and of Geometry to Algebra. The student should be able to apply the principles of Geometry to practical problems, to construct diagrams quickly and accurately. In proving a theorem or in solving a problem he should be able to prove every statement made by going back step by step till he reaches primary definitions and axioms.

GEOMETRY (SOLID)—One-half unit. The work in Solid Geometry to be acceptable must cover a full half-year. It is recommended that text-book work be accompanied by work of a semi-laboratory character, including the making of models of pasteboard or clay and experimental verification of the theorem by measuring, weighing, ect. Such laboratory methods will prove interesting and very helpful to the student.

PLANE TRIGONOMETRY—One-half unit. The work in Plane Trigonometry to be acceptable must cover at least a full half-year in such a text as Crockett, Murray or Wentworth. The student must be familiar with and be able to use all the principal formulas, to find natural and logarithmic functions of angles of any magnitude, to construct triangles and other figures accurately and quickly. The daily use of inexpensive drawing instruments is recommended for students taking Geometry and Trigonometry.

Neatness should be required in all mathematical work.

HISTORY.

HISTORY (REQUIRED)—One unit. The work in history to be acceptable must cover one full year's work in the High School, during which the pupil should have practice in making reports on assigned topics. General History, based on Myers, will be accepted until September, 1911; but the University strongly advises the prompt adoption of one or more of the following courses instead of General History:

Ancient History (to 800 A. D.) as presented in such texts as West's Ancient World, Myers' Revised Ancient History, or Goodspeed's History of the Ancient World.

English History, as given by Cheyney's Short History of England, Walker's Essentials, or Wrong's British Nation.

Mediaeval and Modern History, equivalent to West's Modern History, which emphasizes the nineteenth century.

History and Civics (Elective)—Two units. American History and Civil Government (Civics)—one-half unit each—should be pursued in the last year of the High School, each serving to illus-- trate the other. In Civil Government the pupil should know the relations and functions of the county, city, state and national governments.

In addition to this unit, the candidate may offer one elective unit from the required courses described above.

ENGLISH.

The three units that must be offered in English are these:

Advanced Grammar. First Year. One unit.

Rhetoric and Composition. Second Year. One unit.

Reading and Practice. Third Year. One-half unit. For 1909 and 1910 the books prescribed are these: Shakespeare's The Merchant of Venice and Macbeth; Addison's Sir Roger de Coverley papers; Irving's Life of Goldsmith; Coleridge's Ancient Mariner; Scott's Ivanhoe and Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, the Passing of Arthur; Lowell's Vision of Sir Launfal; George Eliot's Silas Marner.

Study and Practice. Third Year. One-half unit. Preparation includes the thorough study of each of the works named below; a knowledge of the subject matter, form and structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English history to which the prescribed works belong. For 1909-10 the books set for this part of the work are these: Shakespeare's Julius Caesar; Milton's Lycidas, Comus, L'Allegro and Il Penseroso; Burke's Speech on Conciliation with the Colonies; Macaulay's Essays on Addison and Life of Johnson.

Unless pupils have had daily or weekly exercises in Composition and Theme-writing throughout the three or four years of

their High School curriculum, their work in Grammar, Rhetoric, and Literature will not be accepted as equal to three units in English.

LANGUAGES.

LATIN. Persons who expect to be candidates for the degree of Bachelor of Arts must offer at entrance three units of Latin as follows:

Latin A. Grammar and Composition. One unit.Moore's Grammar, or its equivalent, with a daily exercise in inflection and in translation from and into Latin on the blackboard; easy Latin readings.

Latin B. Nepos and Caesar. One unit. Twelve Lives of Nepos and four books of Caesar, or Second Year Latin; Daniell's New Latin Composition.

Latin C. One unit. Four books of Virgil or twenty-five hundred lines of Ovid, with scanning; seven orations of Cicero.

Latin A and B may be offered as the two units of a foreign language required to enter courses in the University other than those leading to the degree of Bachelor of Arts.

GREEK. To offer two units in Greek applicant must have completed:

Greek A. One unit. White's Beginner's Greek Book (or its equivalent), involving quantity, accentuation, declensions, genders, conjugations, syntax and idioms.

Greek B. One unit. Four books of Xenophon's Anabasis; six books of the Iliad, and Gleason's exercises in Greek prose composition.

GERMAN. In order that a two-years' course in German should be accepted for two units it should comprise:

Grammar and Translation. One unit. A thorough drill in and an elementary knowledge of the gender of nouns and declension of nouns and adjectives; the demonstrative, relative and interrogative pronouns; the normal, inverted and transposed order; the ability to write German script legibly and readily under dictation; to translate with comparative ease elementary German into English, and *vice versa;* familiarity with the strong and weak conjugations of the commonest verbs.

Composition and Reading. One unit. Advanced German Grammar; composition; the reading of about two hundred pages of German prose of medium difficulty; the reading of some of the easier German lyrics.

French. A two years' course in French, equivalent to the two years' course in German just outlined, will be accepted in lieu of the latter.

NATURAL SCIENCES.

Chemistry. One unit. To be accepted, Chemistry must have been studied for one school year, and should have rendered the student familiar with the following topics in non-metallic chemistry: Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas volumes and the weights of chemically related solids; acids, bases and salts, valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

Physics. One unit. The work in Physics to be acceptable must cover a full year in a text book not lower than Gage's Elements. The text book used must contain many problems illustrative of the principles of the text, and the student must be able to handle these problems well. It is recommended that the student shall also have done forty or more experiments of a quantitative character.

In Science new facts are being discovered almost daily. Text-books on these subjects should be up-to-date. To be accepted as possessing one-half unit value, each of the following elective subjects must have been pursued for at least one-half of the school year.

Astronomy.—In Astronomy the student should have learned the elementary facts regarding the earth and other members of the solar system as to their sizes, distances and motions around the sun, how the moon causes our tides, what causes the change of seasons, methods of reckoning time, the causes of eclipses, etc. The laboratory methods of studying this subject suggested by Todd's Astronomy and Laboratory Manual of Astronomy by Mary E. Byrd are strongly recommended.

BOTANY. Should involve a knowledge of the Structure and Elementary Physiology of the Seed Plants as presented in Bergen's Elements, chapters one to twenty-two inclusive; Bailey's Elementary Text-book of Botany, chapters one to twenty-four inclusive, and twenty-six to thirty inclusive, or their equivalent. The laboratory method of instruction, as suggested by these works, should be emphasized. It is not required or expected that the student should have studied the minute anatomy of these plants farther than it can be done with the simple magnifier, although it is highly desirable that the teacher should have a compound microscope available for purposes of demonstration to the class, of cell structure, stomata, etc., etc. It is important that a student should have some acquaintance with the principles of classification, and desirable, though not indispensable, that he should have some knowledge of the determination of species.

PHYSICAL GEOGRAPHY.—In the study of Physical Geography the student should have acquired an elementary knowledge of relief forms of the continents and islands, continental drainage, ocean currents, winds, causes of storms, moisture of the air, hail, snow, relations between plants and animals and the range of each, range of human habitations, and the influence of physical geography on man and on the industries of a country. Acceptable texts on this subject are by Dryer, Brigham and Gilbert, Davis, and Tarr.

PHYSIOLOGY.—One-half unit. The preparation in this subject should include instruction in anatomy, physiology, histology and hygiene. The amount expected is indicated by that given in Martin's The Human Body, Briefer Course; Overton's Advanced Physiology, Blaisdell's Practical Physiology, or any text-book of similar scope. This would include something of the bones, organs of circulation, digestion, respiration and excretion; the nervous system and special senses; and a study of the essential facts of digestion, absorption, secretion, excretion, circulation, respiration, etc.

The text-book work should be illustrated by models, charts, drawings with chalk and specimens. A note-book with drawing and explanations should be required.

ZOOLOGY. Should be such as would render the student familiar with the salient characteristics of each of the animal sub-kingdoms.

This can only be accomplished by a laboratory study of at least one type animal under each sub-kingdom.

MANUAL TRAINING AND DRAWING.

Manual Training. One-half unit. The student should be familiar with the usual shop processes and methods of work, and the properties of the materials ordinarily used in constructions. Not less than one hundred hours should be devoted to such exercises in woodwork as are given in Goss's Bench Work in Wood and Golden's Wood Turning.

Drawing. One-half unit. The student should be able to show ability to sketch freehand geometrical figures such as circles, spirals, polygons, pyramids and cylinders; also common objects such as chairs, tables, animals, bones and flowers. He should also be able to copy by enlarging or reducing its dimensions the picture of any ordinary object.

ENTRANCE CREDIT CARDS.

Graduates of accredited schools who desire to enter the University without examination, must present from their Superintendent or Principal "Entrance Credit Cards," setting forth the number of units each is prepared to offer. These cards will be furnished to heads of schools on application. In no instance will a pupil be admitted to the University in any subject without examination unless specifically vouched for in this way. A list of those to whom such cards have been issued, with the course of study in the University each proposes to pursue, should be in the hands of the Chairman of the Accredited Schools Committee not later than June 15 of each year.

If a student is not able to offer all of the fifteen units required for entrance, he will be required to make up his deficiency in the University Academy or under a tutor. He will be allowed to take Freshman studies which do not interfere with his preparatory work, but he will not be registered as a Freshman until he has made up all of his deficiencies.

ADVANCED STANDING.

After being admitted to the University, a student may secure advanced standing:

(a) By examination on each subject for which he desires credit.

(b) By transfer, from a college or university, of credits satisfactory to the Professors concerned.

No student will under any circumstances be accredited beyond the Junior year.

ACCREDITED SCHOOLS.

Schools, whether public or private, may be accredited in whole or in part. To be fully accredited, a school must present to the Committee on Accredited Schools satisfactory evidence that it is able to meet the entrance requirements of the University as stated on pages twenty-six to thirty-three inclusive. This will require that four years of competent high school instruction shall be given.

A school giving thorough but less extensive preparation may be accredited in special subjects.

Printed forms will, on application, be sent to the heads of schools who may desire to have their schools placed in the accredited list. These forms must be filled out and, with an announcement of the course or courses of study given in the school, be sent to the Committee on Accredited Schools at the University.

The list of accredited schools (in process of revision as this catalogue goes to press) will be mailed on application.

The Board of Trustees of the University has authorized the President to make an annual award of a free scholarship to the pupil in each fully accredited school, who has completed, with the highest grade, the full course in that school. This scholarship entitles the recipient to free tuition. If, in addition, the holder of the scholarship obtains a county appointment, he is entitled to a room in one of the dormitories and to his traveling expenses.

REGISTRATION.

Registration of New Students.—New students seeking admission to the University for the Fall Term's work must present themselves to the Committee on Entrance between 8 A. M., Thursday, September 2, and 10 A. M. Monday, September 6. Students whose entrance credits have not been accepted should present themselves as soon as possible after 8 A. M. September 2. (See schedule of entrance examinations, page VI.) From the Committee on Entrance the student will receive a card certifying the extent of his or her entrance credits to the President of the University.

From the President he will receive two cards, one addressed to the Business Agent regarding fees, and the other addressed to the Dean of the College which the student desires to enter. The Dean, after satisfying himself as to the proper work for the student, and that he has paid his fees, will issue to him a card containing the names of the courses which he is to pursue. This card must be presented to each professor concerned. He will assign the student to the class and section in which he is to recite, endorse his card and place his name on the roll of the class. The card must then be returned to the Dean, who files it for future reference. No student will be assigned to any duty till he has settled his fees.

Registration of Old Students.—Students who entered the University during the session of 1908-9 with less than fifteen entrance credits are regarded (in registration) as new students and must therefore comply with all of the requirements in the preceding paragraph. Other students of the University must comply with all of the requirements in the preceding paragraph except those relating to the Committee on Entrance. Students who have any conditions must remove them between 8 A. M. September 2 and 5 P. M. September 4.

Examinations will not be held between 5 P. M. September 4 and 8 A. M. September 11, except by special arrangements, previously made, with the professors concerned.

Delayed Registration.—Students will not be permitted to delay their registration for trivial reasons or through neglect. Every stu-

dent, new or old, must have completed his registration, including the payment of his fees and the returning to his Dean of his classification card, by 5 P. M. of Wednesday, September 8. Any student who fails to comply with this requirement will be charged two dollars for delayed registration.

BEGINNING OF CLASS WORK.

Lectures, class and laboratory work begin on Thursday, September 9, and absence of students from these exercises will be recorded against them.

CHANGE OF CLASSIFICATION.

Students are free to matriculate in any college of the University, but they are not allowed to change from one college to another until they have completed and passed a satisfactory examination on each subject pursued in the college in which they were matriculated during the preceding year; and no such change is permitted during a current year.

RULES OF CLASSIFICATION.

I. No student shall be considered as belonging to a given class unless a majority of his studies are in that class or in a higher class.

II. A student may be permitted by his Dean to register for studies not more than one year in advance of his classification.

EXAMINATIONS AND REPORTS.

Written examinations are held in all classes at the close of the first and third terms of the session (See University Calendar, page V.) At the close of the second term written examinations are held on subjects which are completed at that time. Reports are sent to the parent or guardian of each student in January and June to indicate as nearly as possible the quantity and the quality of the work done by the student. Special reports are sent on request at any time.

RELIGIOUS WORSHIP.

As morals and religion should form a part of every young person's education, the students of the University are encouraged to attend divine service at least once each Sunday. Clergymen from several of the religious denominations of the city conduct some of the chapel services each week, and other religious exercises are conducted by the Y. M. C. A. and the Y. W. C. A. of the University. Nearly all of the religious denominations are represented in the Faculty.

Every church in the city is glad to welcome University students to all of its social and religious meetings. If parents will write to the ministers of their respective denominations in the city, or to any member of the University Faculty, they may be certain of enlisting their interest in the moral and religious life of their sons and daughters.

SANITARY ARRANGEMENTS.

The sanitary arrangements of the University are excellent. Its buildings occupy one of the highest positions in or around Lexington. A large reservoir, a few miles from the city, furnishes an abundant supply of pure water at all seasons of the year. The natural drainage of the University grounds and its system of sewerage are all that can be desired. Serious illness among the students is extremely rare. The University physician gives all needed attention to the health of the students and excellent service can be had when needed in either of two large, well-equipped hospitals in the city. The University has a furnished room in the Good Samaritan Hospital, which is within five minutes' walk of the University grounds.

DORMITORIES AND BOARD.

Dormitories for Men. Young men may reside in the dormitories on the University Campus or in private houses approved by the Faculty. The dormitories afford lodgings for about two hundred students who wish to lessen their expenses in this way. County appointees are supplied with rooms first (the assignments being made by lot), then other students in order of application. The occupants of the rooms are required to keep them in order. The janitors attend to the halls and the removal of refuse and are re-

quired to scour the halls and the rooms once in two weeks. The Commandant (detailed from the U. S. Army) or his assistant inspects each room daily. At the present time the Commandant's assistant occupies a room in one of the dormitories. If a student is sick, the fact is reported to the medical officer. In this way the danger from contagious diseases is reduced to the minimum. The medical officer inspects each room once in two weeks as to its cleanliness and general hygienic character. Table board in clubs (of which there are several) costs about $2.00 per week. In private families it costs from $3.00 to $4.00 per week.

DORMITORY FOR WOMEN. Patterson Hall, the Young Women's University Home (for description see page 8) is under the immediate direction and management of an experienced and competent matron, appointed by the Board of Supervision. The act of the General Assembly of Kentucky, appropriating money for the purchase of the grounds and the erection thereon of this building, provides:

"The Board of Trustees shall appoint three prudent, discreet, intelligent women; members in good standing of one of the religious organizations recognized by the laws of the United States, who shall constitute a board of supervision or control to manage and superintend, under the direction of the Board of Trustees, the dormitory for young women."

The Hall contains sixty-eight commodious and well furnished rooms, affording accommodation for one hundred and twenty-four persons, for whom excellent board and lodging are furnished at three dollars ($3) per week, the occupants furnishing their own napkins, towels, and bedding, except mattresses and pillows, and paying for their own laundry.

Built durably of stone, brick, wood and iron, and practically fireproof; with adequate provision for safety, heat, light, ventilation, bathing and exercise, this Hall offers all the comforts and conveniences of a well-appointed home.

County appointees are first supplied with rooms, and these, by act of the Legislature, are assigned by lot.

Probably no educational institution in the South affords a more attractive home for young women. Those who are favored with a county appointment, the mode for obtaining which is set forth elsewhere in this catalogue, will find that residence at the State

University is brought within the means of any young woman who earnestly desires to fit herself for a life of usefulness.

THE MONITRESS.

The young women who attend the University have assigned for their exclusive use a large and well appointed study-room in the Administration Building. Here, while they are not engaged in the class-rooms or in the chapel, they are under the constant and strict supervision of the Monitress, Mrs. Blackburn, who has long been connected with the University, and is well qualified for her duties.

ASSOCIATIONS.

Y. M. C. A.

This body occupies a spacious room in the Gymnasium. The room, which is well lighted and heated, and provided with suitable furniture, offers to the members a place both attractive and convenient in which to spend their leisure time in religious service, in Bible or secular reading, or in playing harmless games.

The association has about fifty members. In addition to its religious work, including weekly meetings, lectures and Bible Study work, it controls the tennis courts on the University campus and offers an interesting social life to its members. In order to promote most efficiently this varied and important work, an advisory committee of ten members co-operates with the association in its efforts to be influential in the moral and religious life of the University. On this committee the local ministry is represented by one member, the City Y. M. C. A. by one, the faculty by five, and the student body by three, all of whom are elected by the association.

Y. W. C. A.

This organization is an important feature of life in Patterson Hall. The association has two attractive rooms, one for religious meetings, the other a reading room open to all young women residing in Patterson Hall. The latter has been nicely furnished by the University and is well supplied with the leading magazines of the day.

The association has about thirty-five members who take part in the Sunday evening services and also in the Bible classes which meet one evening in each week.

THE UNION LITERARY SOCIETY.

This, the oldest of the literary associations connected with The State University, was formed in 1872 by the consolidation of the Yost Club and the Ashland Institute, and operates under a charter from the Legislature. It occupies a commodious and well-furnished

hall in the Gymnasium and is supplied with a library due in part to an appropriation from the State. Besides the weekly meetings devoted to declamations, essays, and debates, the Society holds on the 22nd of February an annual contest in oratory, and awards to the successful competitor a gold medal provided by the alumni.

THE PATTERSON LITERARY SOCIETY.

This society, formed in 1887, and at the suggestion of Gov. Knott named in honor of the President of the University, was chartered in 1888. It is provided with a handsome room and a good library. The annual oratorical contest is held on the 26th of March, the birthday of the President, who presents the first prize, a gold medal. The second prize, also a gold medal, is the gift of Mr. George W. Crum, of Louisville.

THE PHILOSOPHIAN AND NEVILLE SOCIETIES.

These societies, instituted, the former in 1882, the latter in 1905, by young women of the University, for literary improvement and social pleasure, offer, besides the usual weekly meetings, public entertainments consisting of declamations, essays, criticisms, and addresses.

THE ENGINEERING SOCIETY.

This body, composed of matriculates in the Colleges of Engineering, meets on the third Friday of each month. The exercises consist of a paper read by a member on some pertinent topic, followed by a general discussion. During the year the Society is occasionally favored with lectures by experienced engineers not connected with the University.

THE AGRICULTURAL SOCIETY.

This organization is composed of the students of the College of Agriculture and holds weekly meetings in the Agricultural Building, at which meetings topics of agricultural interest are discussed through the medium of addresses, papers, debates, etc.

ASHLAND GRANGE 1655.

The local branch of the National Grange Organization was established with its headquarters with the Department of Agricul-

ture in January, 1907. It includes in its membership many of the prominent farmers of Fayette and adjoining counties and a large number of the members of the faculty of the University and Experiment Station, as well as many students of the College of Agriculture. Since the erection of the new Agricultural Building it has held its meetings monthly or semi-monthly in an attractive assembly room upon the third floor of that building. While the grange is a fraternal organization, holding its special meetings behind closed doors, many of its sessions are open to the public, and during its existence here its meetings have been provided with many highly interesting programs through the co-operation of prominent men in agriculture from our own locality and elsewhere.

ATHLETICS.

Opportunity for physical exercise and legitimate outdoor sport is afforded by the spacious Athletic Field and Parade Ground. The management of athletics by the students is vested in an Athletic Association formed by the union of the Foot-ball, the Base-ball, and Track-athletic Societies. The officers of these three sub-organizations constitute the managing board of the Athletic Association. The control of athletics by the Faculty is secured through their Committee on Athletics, acting under a set of regulations adopted by the Faculty and approved by the Trustees.

COLLEGE EXPENSES.

The necessary expenses of a student while at the University need not exceed the following estimates. As a rule the less pocket money allowed by parents or guardians the better it is for the pupil. When supplies of pocket money are kept short, the opportunity for contracting vicious habits is correspondingly diminished. Students should not be allowed by their parents to create any debts. All money intended for the use of the student should be deposited with the Business Agent.

For a county appointee, occupying a room in the dormitory, the necessary expenses are as follows:

Tuition free	$00.00
Matriculation free	00.00
Gymnasium free	00.00

Room rent free	00.00
Furniture and janitor	5.00
Washing, about	10.00
Uniform	16.00
Books, about	10.00
Total	$41.00

Board in clubs, $2.00 per week; in families, $3 to $4. For students not county appointees the necessary expenses are:

Tuition in the Schools of Civil, Electrical, Mechanical and Mining Engineering	$40.00
Tuition in the College of Law	30.00
Tuition in the College of Arts and Science and in the College of Agriculture	25.00
Tuition in the Academy	20.00
Matriculation fee	5.00
Gymnasium fee	5.00
For each laboratory, fee	5.00
Washing, about	10.00
Room and furniture	20.00
Uniform	16.00
Books, about	10.00

Board in clubs, about $2.00 per week; in families, $3 to $4. All students make a deposit of $10 to cover damage done to the property of the University. This is refunded at the close of the year, less the amount assessed against the depositor.

Board and lodging are provided in Patterson Hall for young women at $3 per week. The occupants furnish their own napkins, towels and bedding, except mattresses and pillows, and pay their own laundry bills.

DIPLOMA.

A fee of $5 is charged for each diploma issued by the University, except in the College of Law, in which it is $10.00.

FREE TUITION, BENEFICIARIES.

Each county in the State is made the unit of appointment and is entitled to select and to send to the State University one or more

properly prepared students, free of charge for tuition fees, as follows:

Each county is entitled to make one appointment each year for 4,500 white pupils or less within the common school age, based upon the last official census preceding said appointment, and for each 3,000 white pupils over 4,500, is entitled to make one additional appointment.

County appointments exempt appointees from payment of tuition fees and provide traveling expenses to those matriculated in the Academy and in any regular course of study which leads to a degree in the University, but are not valid for the College of Law or other professional courses. Appointments are all valid for the term of years necessary to complete the course of study in which the appointee matriculates. This includes the course in the Academy. If an appointee leaves the University before the expiration of his appointment, his County Superintendent may appoint another person for his unexpired time.

Beneficiaries are appointed on competitive examination. A Board of Examiners is appointed for this purpose by the County Superintendent of common schools. The results of examination are reported to the Superintendent, who from the data thus furnished selects the appointee. Examinations are made upon subjects transmitted to the County Superintendent by the Faculty of the University.

Appointments are made by the County Superintendent between the first day of June and the first day of August of each year. Blanks for these appointments are furnished by the University. Appointments when made should be immediately certified to the President of the University.

Each appointee is required to pass an entrance examination at the University on the subjects comprising all that is embraced in Arithmetic, English Grammar, Geography, and United States History in the common school course.

All persons are eligible between the ages of fourteen and twenty-four who have completed the common school course—preference being given to young men or women whose means are limited, to aid whom this provision is especially intended.

Any person not an appointee may enter the University on payment of fees, but no one except an appointee receives traveling expenses or is exempt from the payment of fees.

MANUAL LABOR.

The work necessary for carrying on the agricultural and horticultural operations of the University is done by the students, and is paid for at rates varying from six to ten cents per hour. Its design is two-fold: to put in practice the instruction received in the class--room, and to assist students who are in need of money. The experience of this University is that of Agricultural Colleges generally—that student labor is not remunerative to the University.

The University assumes no obligation to furnish students an opportunity to labor for compensation.

Students are paid monthly for the service rendered, and apply the money as they see proper.

No student, however, should come to this University expecting to maintain himself exclusively by compensated labor. At least seventy-five dollars per annum, exclusive of his earnings while here, should be at the command of every student who wishes to avail himself of the advantages of the system of compensated labor.

REGULATIONS.

PUBLIC EXERCISES.

All exercises assigned for commencement or any other public occasion must be submitted to the President for approval at least one week before the time for the performance; and, if any student shall deliver an address, or part of an address, which has not been approved by the President, his diploma and his degree, if any has been awarded, may be withheld.

TRAVELING EXPENSES OF STUDENTS.

By the terms of the recent legislation upon the State University a county appointee is entitled to have his traveling expenses from his home to the University and return paid by the University on the following conditions:

1st. He must be appointed according to law, a copy of which is in the hands of each County Superintendent of Schools.

2nd. He must travel from home to the University by the shortest, least expensive, and most expeditious route, and take receipts for all necessary expenses of travel, depositing the same, upon arrival, with the President of the University.

3rd. He must present himself for matriculation at the beginning of the fall term of the University year.

4th. He must bring a certificate of good moral character, signed by two or more well-known and responsible citizens of his county.

5th. He must pass creditably the entrance examination required for admission.

6th. He must remain a student of the University for ten consecutive months, or one University year.

7th. He must maintain during the University year a good moral character, and such class standing as shall enable him to pass all final examinations.

8th. He must, if required to do so, sign a declaration at the end of the University year, that he has not knowingly violated any of the regulations involving his moral character as a stu-

dent, nor been a party, directly or indirectly, to the injury of property on the University grounds or in the University buildings.

If at the end of the University year the foregoing conditions have been complied with, the President of the University shall certify the fact to the Treasurer of the University, who, upon said certificates as vouchers, shall pay to the appointee the amount shown by the receipts aforesaid and in addition thereto the sum for discharging the necessary expenses to be incurred in returning home.

ENLISTMENT OF CADETS.

No cadet of the State University is allowed to enlist in the State Guards.

DEGREES.

The State University confers the degrees of:
Bachelor of Arts (A. B.)
Bachelor of Arts in Education (A. B. Educ.)
Bachelor of Science (B. S.)
Bachelor of Science in Agriculture (B. S. Agr.)
Bachelor of Science in Education (B. S. Educ.)
Bachelor of Laws (LL. B.)
Bachelor of Civil Engineering (B. C. E.)
Bachelor of Mechanical Engineering (B. M. E.)
Bachelor of Mining Engineering (B. E. M.)
Master of Arts (A. M.)
Master of Arts in Education (A. M. Educ.)
Master of Science (M. S.)
Master of Science in Agriculture (M. S. Agr.)
Master of Science in Education (M. S. Educ.)
Civil Engineer (C. E.)
Mechanical Engineer (M. E.)
Electrical Engineer (E. E.)
Mining Engineer (M. E.)
Doctor of Philosophy (Ph. D.)

CONDITIONS OF GRADUATION.

To attain the Bachelor's degree the applicant must have been a resident student of the University at least one session, and he must have passed the required examinations in every course of study leading to the desired degree.

SECOND DEGREES.

The Master's degree may be conferred upon a candidate who has attained the corresponding Bachelor's degree. Those who lack the corresponding Bachelor's degree, but possess some other baccalaureate degree, must perform at least one year's resident work in undergraduate studies prescribed for them by the Committee on Degrees before they shall be considered candidates in full standing.

RESIDENT WORK.

The provisions for attaining the Master's degree by candidates in residence, are, first: that for at least one entire session the candidate must have given all his time to advanced studies in this University; second, that the advanced work shall consist of a major study selected by the candidate and one or two minor studies assigned by the Committee on Degrees; third, that the candidate shall pass satisfactory written examinations in both major and minor studies; fourth, that under no circumstances shall he be permitted to perform both major and minor work under the same instructor; fifth, that at least ten days before the close of the session, the candidate must have completed his studies in a satisfactory manner, presenting an acceptable thesis on his major course of study, or some part thereof.

NON-RESIDENT WORK.

The provisions for attaining the Master's degree by candidates *in absentia* are: first, that for at least three years the candidate must have been engaged in advanced work, the aggregate of which is the full equivalent of that required in resident work for the same degree; second, that the candidate shall pass satisfactory written examinations in each of the studies pursued by

him; third, that under no circumstances shall he be permitted to perform his major and minor work under the same instructor; fourth, that at least thirty days before the close of the session, the candidate must have completed his studies in a satisfactory manner, presenting an acceptable thesis on his major course of study or some part thereof.

The degrees Civil Engineer, Mechanical Engineer, Electrical Engineer, Mining Engineer will be conferred on graduates of this University who, after spending three years in professional work, present a satisfactory thesis, the subject of which must be approved by the Committee on Degrees at least seven months before the degree is conferred.

If the applicant for an advanced degree be an alumnus of another institution of learning, he must satisfy the Committee on Degrees that he has completed a course of study for his first degree equivalent to that prescribed in this University for the same degree; and he must matriculate and study in residence under the direction of the Faculty at least one session.

The degree of Doctor of Philosophy may be conferred upon persons holding the Master's degree of this University or University of equal rank after not less than two years of further graduate study in residence.

SUMMER SCHOOL—SEVENTH SESSION.

COURSES.

Courses, both academic and professional, are offered to undergraduates in agriculture, arts, engineering, law, and science; for teachers; for students who wish to remove conditions from their work in the University; for students who wish to prepare for the entrance examinations in September; and for special students, such as lawyers and practicing engineers and miners.

DURATION OF THE SESSION.

The session opens June 7 and closes August 21, but the work in no one department continues during the entire session. For dates and full information concerning the various courses offered

see Summer School bulletin, which will be sent by the Registrar on application.

Full academic credit is given in each of the courses offered.

TERMS OF ADMISSION.

No examination is required for admission. Students are freely admitted to courses for which they are qualified, but credit toward a degree will be given only to students who satisfy the entrance requirements to the University.

ORGANIZATION.

The University embraces—

The College of Arts and Science,
The College of Agriculture,
The College of Civil Engineering,
The College of Mechanical and Electrical Engineering,
The College of Mining Engineering,
The College of Law.

The College of Arts and Science embraces—

Courses having as major subjects
Anatomy and Physiology, Botany, Chemistry, Domestic Science, English, Entomology and Zoology, Geology, German, Greek and Latin, Physics.
Two Courses for the Training of Teachers.
A Course in Industrial Chemistry.

The College of Agriculture embraces—

Courses having as major subjects
Agronomy, Animal Husbandry, Agricultural Chemistry, Economic Botany, Economic Entomology, Horticulture.
A Two Years' Course in Agriculture.

The College of Civil Engineering embraces—

Courses in Surveying and Geodesy, Municipal, Sanitary, Railway, Bridge, Architectural, and Rural Engineering.

The College of Mechanical and Electrical Engineering embraces—

Courses in Mechanical, Electrical, Steam, Gas, Telephone, Chemical, and Machine Design Engineering.

The College of Mining Engineering embraces—

Courses in Mining, Mine Surveying, Metallurgy, Ore Dressing.
A Short Course for Practical Miners.

The College of Law embraces—

A Three Years' Course.

COLLEGE OF ARTS AND SCIENCE.

The College of Arts and Science, organized in 1908 by uniting the Classical, Scientific, and Education Schools, now consists of thirteen departments, in each of which a student may elect to pursue a major subject.

These are the Departments of Anatomy and Physiology, Botany, Chemistry, Domestic Science, Education, English and Logic, Entomology and Zoology, Geology, Latin and Greek, History, Political Economy and Metaphysics, Mathematics and Astronomy, Modern Languages, Physics.

The College offers undergraduate courses leading to the degrees of A. B. and B. S., and graduate courses leading to the degrees of M. A., M. S., and Ph. D.

To receive an undergraduate degree the student must be able to offer a minimum of 69 credit hours, inclusive of those required in Military Science, Physical Training and Domestic Science. Men are required to offer three credits in Military Science and two in Physical Training, and women are required to offer two and one-tenth credits in Domestic Science and two in Physical Training.

The term "credit hour", or briefly a "credit", as used in this College, is defined as the satisfactory completion of a study, involving lectures or recitations for one hour per week for one year, or laboratory work for two hours per week for the same period.

Military Science and Physical Training are classed as laboratory work.

In estimating the credit value of a subject pursued for less than a year, the number of hours per week it is given is to be multiplied by .4 for the first term and by .3 for each of the other two terms.

Persons excused from Military Science or Physical Training, for disability or any other cause, must offer an equivalent number of credits in some other subject.

A student must take a sufficient amount of work to secure at least 17 credits each year during his Freshman and Sophomore years, and 14 during each of his Junior and Eenior years, and he will not be allowed for the same time during his Freshman and

Sophomore years more than 21½ credits per year, and during his Junior and Senior years more than 18 credits.

The degree of A. B. will be conferred only on students who at graduation have completed, in addition to other requirements, a minimum of five years of Latin—three units of preparatory and two units (6 credits) of university Latin.

The branches taught in this College are grouped into thirteen courses, designated, as a rule, by a major subject. Deviations from this grouping must receive the sanction of the Dean of the College and the head of the department under whom the student elects to take his major subject.

FACULTY AND ASSISTANTS

JAMES KENNEDY PATTERSON, PH. D., LL. D., President,
Professor of History, Political Economy and Metaphysics.

ARTHUR McQUISTON MILLER, A. M., Dean,
Professor of Geology, Zoology and Entomology.

JOHN HENRY NEVILLE, A. M., LL. D.,
Professor of Greek and Latin.

JAMES GARRARD WHITE, A. M.,
Professor of Mathematics and Astronomy.

JOSEPH WILLIAM PRYOR, M. D.,
Professor of Anatomy and Physiology.

CLARENCE WENTWORTH MATHEWS, B. S.,
Professor of Botany, Horticulture, and Agriculture.

MERRY LEWIS PENCE, M. S.,
Professor of Physics.

ALEXANDER ST. CLAIR MACKENZIE, A. M., F. R. S. L.,
Professor of English and Logic.

ALFRED CHARLES ZEMBROD, A. M.,
Professor of French and German.

FRANKLIN ELLIOTT TUTTLE, A. M., Ph. D.,
Professor of Chemistry.

THEODORE TOLMAN JONES, A. M.,
Acting Professor of Greek and Latin.

JAMES THOMAS COTTON NOE, A. M.,
Acting Professor of Education.

RALPH NELSON MAXON, Ph. D.,
Professor of Inorganic Chemistry.

COLUMBUS RUDOLPH MELCHER, A. M., LL. B.,
Associate Professor of French and German.

MRS. ROBERT LEE STOUT,
Physical Director and Dean of Women.

W. WALTER H. MUSTAINE, B. S.,
Physical Director of Men.

JOSEPH MORTON DAVIS, A. M.,
Assistant Professor of Mathematics.

WILLIAM SNYDER WEBB, M. S.,
Assistant Professor of Physics.

MISS ELIZABETH SHELBY KINKEAD,
Lecturer on English Literature.

MISS ISABELLA WEST MARSHALL, A. B.,
Instructor in Domestic Science.

MISS SUE DOBYNS McCANN, M. S.,
Instructor in Entomology and Assistant in Zoology.

*FREDERICK WILLIAM MILLER, A. B., B. Ped.,
Assistant Professor of English.

JAMES EDWARD TUTHILL, Ph. D.,
Assistant Professor of History and Political Economy.

PHILIP WORTHINGTON CORBUSIER, First Lieut., U. S. A.,
Commandant and Professor of Military Science and Tactics.

MISS MARTHA RIPPERDAN WHITE, M. S.,
Assistant in Mathematics.

ALFRED HOLLY GILBERT, B. S.,
Assistant Professor of Botany.

EZRA L. GILLIS, A. B.,
Assistant in Education.

HARRY ESSEX, A. B.,
Assistant in Chemistry.

ELIJAH LATHAM REES, C. E.,
Assistant in Mathematics.

RALPH MORRIS, A. B.,
Substitute for Assistant Professor Miller.

LLOYD CADIE DANIELS, B. S., Ph. D.,
Assistant in Chemistry.

JAMES RUSSELL JENNESS, B. S.,
Assistant in Physics.

HOWARD HARDESTY DOWNING, B. C. E.,
Fellow Assistant in Civil Engineering, Mathematics, and Physical Education.

GEORGE FRANCIS BROWNING,
Student Assistant in Mechanical Engineering and Mathematics.

---

*On leave of absence.

I. DEPARTMENT OF ANATOMY AND PHYSIOLOGY.

Dr. Pryor.

The Department of Anatomy and Physiology occupies one-half of the second floor of the Natural Science Building. The space assigned to this department includes a large lecture and general recitation room, an office and a laboratory.

The lecture room is provided with a Thompson Reflectoscope and Stereopticon with a microscopic attachment. Arrangements are made to darken the room for the use of the lantern. This method of giving illustrated lectures is extensively used. A large number of lantern slides have been purchased or made. These include all kinds of anatomical, physiological, histological and pathological subjects, and they have been selected in order to show not only human anatomy, but sufficient comparative anatomy to illustrate the development and evolution of the organ or system.

The lecture and general recitation room is perhaps the best equipped room for its purpose to be found in any institution of the South. It is well lighted and ventilated, is provided with the best opera chairs with arm rests, affording every convenience and facility for student and lecturer.

The office contains the nucleus of a library. It is the purpose of the head of this department to provide students with the latest and best books on Anatomy, Physiology, Hygiene, Histology, and Bacteriology.

The laboratory is provided with a Bausch and Lomb incubator, microscopes, microtomes, paraffin bath, etc. Tables are provided for individual students. Each table is equipped with the apparatus necessary for experimental work in Physiology. Students also have access to and use the kymograph, artificial circulation scheme, (Porter's), capillary electrometer, artificial eye (Kuhne's), heart-holder, ergograph, rheochord, plethysmograph, tambour, signal magnet, etc. etc.

The department is supplied with all kinds of models, such as an Auzoux papier-mache manikin, Auzoux's models of the eye in full and in section, models of the ear, larnyx, side of the face, hand, etc.; skeletons in full and in section; complete disarticulated skeletons for the individual use of students; a spaced skull; a Thoma-

Zeiss Hæmacytometer; a Dudgeon's and a Marey's Sphygmograph; charts of all kinds, microscopes, etc. Microscopic slides are exhibited showing the process of karyokinesis.

The method instruction is by lectures, demonstrations and recitations. Drawings are made on the blackboard in chalk by the instructor, and the student is required to copy them. They include drawings of the heart and of the great blood-vessels in colors; sections of the eye showing the connection of the cornea and sclerotic coat at the origin of the ciliary muscle, one turn of the cochlea giving the organ of Corti in full; the membranous labyrinth; a cross section of the spinal cord; a scheme illustrating the system of neurones, central and peripheral, both motor and sensory.

The student is required to take notes from lectures, to copy and preserve them for study and reference. The note books are inspected at intervals, correct spelling and neatness in preparing them being insisted on.

COURSES.

PRIMARILY FOR UNDERGRADUATES.

I. GENERAL PHYSIOLOGY. Lectures, demonstrations and recitations. M. W. F. at 10:30. Winter and Spring Terms or Fall Term. One and eight-tenths credits.

II. HUMAN OSTEOLOGY. Winter and Spring Terms. Tu. Th. 9. One and two-tenths credit.

III. ADVANCED PHYSIOLOGY. Throughout the year. Tu. Th. 11:30. Two credits.

IV. LABORATORY PHYSIOLOGY. Fall Term. M. Tu. W. Th. F. 1:30. Two credits.

COURSE PREPARATORY TO THE STUDY OF MEDICINE.

This course, leading to the degree of A. B., with Anatomy and Physiology as the major study, is arranged to suit students who intend to enter upon a profession, and especially those who are to devote themselves to the study of medicine.

A liberal education in the Arts and Sciences is of incalculable advantage to one intending to pursue the study of Medicine.

It is a difficult matter to teach modern medicine to one who has not had some of these preliminaries.

A thorough training in Chemistry and Physics; a reading knowledge of German and French; a working knowledge of the Microscope, and the process of imbedding, sectioning and staining; a solid foundation in Anatomy and Physiology will not only give advanced standing in the medical school, but will lay a truly scientific foundation, upon which a substantial superstructure may be erected.

THE LABORATORY COURSE IN PHYSIOLOGY.

Is required of Seniors during the first term in the afternoon from 1:30 to 3:30. The work begins with the central nervous system. The first exercise begins with the study of the normal frog; its posture when at rest; its movements when in water and on solids; compensatory movements, etc. A careful dissection of the frog's brain and drawings of it are made. Then follow experiments upon decerebrized frogs. Perfect cleanliness and aseptic surgical methods are observed as nearly as possible. Reflex action and inhibition of reflexes are studied with the pithed frog. The crayfish and earth-worm are also used in the study of the central nervous system.

MUSCLE.

The student must familiarize himself with the electrical apparatus necessary for the work that follows; nerve muscle preparations are made, the different kinds of stimuli are studied, graphic records are made with the kymograph, showing certain phenomena of muscular contraction, among them a single muscular contraction or twitch; the effect of load; repeated stimulation; summation of stimuli, etc.

HAEMODYNAMICS.

The artificial scheme used, which illustrates the mechanics of the circulation in the higher vertebrates, demonstrates arterial and venous pressure, and this is measured with mercury manometer. The scheme also shows the conversion of an intermittent stream into a continuous flow. Incompetence and stenosis of the mitral and aortic valves are demonstrated, and with the thistle tube and kymograph pulse-tracings are made that compare favorably with those made with the sphymograph by members of the class. Abnormal cases are often included.

NORMAL HAEMATOLOGY.

Clinical examinations of the blood are made including the enumeration of the blood corpuscles with the Thoma-Zeiss haemacytometer; the estimation of haemoglobin, with Fleischel's hemometer; the staining and fixing of blood corpuscles; the reaction and specific gravity of blood, etc.

THE SPECIAL SENSES.

The anatomy, gross and minute, of the eye and ear and the physiology of these organs, are treated as fully as the time permits. During the year students dissect such mammals (dog, cat, and rabbit) as may be used to illustrate the lectures preceding and accompanying the practical work. Especial attention is given to the gross anatomy of the viscera, thoracic, abdominal and pelvic.

To a prospective student of medicine the advantages of this course can hardly be estimated. The additional training in Botany, physics, Zoology, Osteology, Chemistry, Physiological Chemistry, and in experimental and laboratory work in Physiology, places him far in advance of those who have not pursued these studies.

Text-books: Martin's *Human Body;* Stewart's *Manual; Syllabus of the Professor's Lectures;* Gray's *Anatomy.*

Books of Reference: Cunningham's *Anatomy,* Morris' *Anatomy,* Gerrish's *Anatomy,* Howell's *Physiology,* Shaefer's *Physiology,* Hall's *Physiology,* American *Text-book,* Loeb's *Physiology of the Brain.*

SCHEDULE OF STUDIES FOR THE DEGREE OF B. A. (MAJOR ANATOMY AND PHYSIOLOGY.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories
Freshman	1	English I 3	Mathematics I 5	German I 3 History I 2 W. F.	Latin I 5	Drawing I 2 (by appt.)
	2	English II 3	Mathematics II 5 German I 1 Sat.	German I 2 History I 2 W. F.	Latin I 3	Drawing I 2 (by appt.)
	3	English III 3	Mathematics III 5 German I 1 Sat.	German I 2 History I 2 W. F.	Latin I 3	Credits 18.2
Sophomore	1	Latin II 3	German II 3	French I 2	Physiology I 3	Zoology I 3 (by appt.)
	2	Latin II 3	German II 3 Physiology II 2	French I 3	Chemistry I 4	Chemical Lab. I 2
	3	Latin II 3	German II 3 Physiology II 2	French I 3	Chemistry I 3 Botany I 1 T.	Chemical Lab. I 3 Botany Lab. I 3 (by appt) Credits 17.
Junior	1	Zoology IV 2	French II 3	Physics III 3	German III 2 M.W. Astronomy VIII 2	Chemistry Lab. VI 3 Physics Lab. V 2
	2	Chemistry V 2	French II 2	French 1 3	German III 2 M.W. Astronomy VIII 2	Chemistry Lab. VI 4 (by appt.) Physics Lab. V 3
	3	Chemistry V 2	French II 3	French 1 3	Germ. III 3 M.W.F. Astronomy VIII 2	Chemistry Lab. VI 3 Physics Lab. V 3 (by appt.) Credits 17.3
Senior	1	German IV 3 French III 2		English XI, XIX 3 Economics V 2	Physiology III 2 Geology I 2 M.W.	Physiology Lab. IV 5 M. T. W. Th. F.
	2	German IV 2 French III 3		English XI, XIX 3 Economics V 2	Physiology III 2 Geology I 2 M.W.	Credits 16.
	3	German IV 3 French III 2		English XI, XIX 3 Economics V 2	Physiology III 2 Geology I 2 M.W.	Total Credits 68.3

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. (MAJOR ANATOMY AND PHYSIOLOGY.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories
Freshman	1	English I 3	Mathematics I 5	Germ. I 3 M.T.Th. History I 2 W. F.		Drawing I 2 (by appt.)
	2	English II 3	Mathematics II 5 German I 1 Sat.	German I 2 History I 2 W. F.	Chemistry I 4	Drawing I 2 (by appt.) Chemistry Lab. I 2
	3	English III 3	Mathematics III 5 German I 1 Sat.	German I 2 History I 2 W. F.	Chemistry I 3	Chemistry Lab. I 3
Sophomore	1	Mathematics IV 5	German II 3	French I 2	Physiology I 3	Chemistry Lab. VI 3 Zool. Lab. I 3 (by appt.)
	2	Chemistry V 2	German II 3 Physiology II 2	French I 3	Physiology I 3	Chem. Lab. VI. 4 (appt.)
	3	Chemistry V 2	German II 3 Physiology II 2	French I 3	Botany I 1 T.	Chem. Lab. VI 3 (appt.) Bot. Lab. I 3 (by appt.)
Junior	1	Zoology IV 2 Entomology I 3	French II 3	Physics III 3	German III 2 M.W. Astronomy VIII 2	Physics Lab. V 2
	2	Entomology I 3	French II 2	Physics III 2	German III 2 M.W. Astronomy VIII 2	Physics Lab. V 3
	3	Entomology II 3	French II 3	Physics III 2	German III 3 Astronomy VIII 2	Physics Lab. V 3
Senior	1	German IV 3		English XI, XIX 3 Economics V 2	Physiology III 2 Geology I 2 M.W.	Physiology Lab. IV 5
	2	German IV 3		English XI, XIX 3 Economics V 2	Physiology III 2 Geology I 2 M.W.	Credits 14.4
	3	German IV 3		English XI, XIX 3 Economics V 2	Physiology III 2 Geology I 2 M.W.	Total Credits 65.7

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

II. DEPARTMENT OF BOTANY.

Professor Mathews and Assistant Professor Gilbert.

The department occupies commodious and well lighted rooms upon the first floor of the new Agricultural Building.

The lecture room in the front part of the building is occupied jointly with classes in horticulture, and is equipped with opera chairs, an electric lantern both for ordinary and micro-projection, charts, and other illustrative material.

The laboratories are liberally supplied with the best types of simple and compound microscopes, microtomes, ovens for paraffin imbedding, apparatus for plant physiology, etc.

The department herbarium contains a fairly complete representation of the flora of the state with many exchanges from other states and countries. The nucleus of the present collection was due mainly to the effort of the late Dr. Robert Peter, who traveled widely through the state making collections about sixty years ago, and made exchanges with many of the noted botanists of that period, so that the collection possesses considerable historic interest.

A laboratory greenhouse, 24x50 feet in size, has been erected upon the rear of the botanical laboratories, and is designed in part to furnish material for the regular classes, and particularly to afford facilities for use of advanced students in Plant Physiology, etc. The older greenhouses near the Administration Building will still continue to furnish additional material for the general uses of botanical classes.

A student entering upon the study of Botany may begin the subject with either Course I or Course II at the option of the Dean of his course, but in order to secure a comprehensive view of the science he should continue the subject for at least two terms and preferably three. A special course in Botany (VI), which is more fully self-contained than any other offered, has, however, been provided for the students of the classical course.

ELEMENTARY BOTANY.

I. Spring Term. Freshman or later. Lectures T. 11:30. Laboratory M. W. F. 1:30. Four Hours.

This course consists of a study of the elements of structural

botany and plant physiology, with determination of a number of species of the flowering plants.

During the course participation in one or more trips to neighboring points of botanical interest will be required. Expense 75c to $1.00 each.

Text-books: Bergen and Davis' *Principles of Botany* and *Laboratory Manual.*

Reference Books: Gray's *Manual of Botany* and Bailey's *Lessons with Plants.*

GENERAL BOTANY.

II. Fall Term. Sophomore. Lectures T. Th. 11:30. Laboratory M. T. Th. or by appointment, 1:30. Five Hours.

Winter Term. Lectures T. Th. 11:30. Laboratory by appointment. Five Hours.

The work of the course comprises a general survey of the morphology and physiology of plants, and is designed to give the student who goes no further with the subject a comprehensive view of the entire vegetable kingdom, while for the student who will continue his botanical study it is intended to afford a substantial basis for more exhaustive special studies. While it is accompanied with lectures and recitations, the laboratory method is the form of instruction principally used, and from the very beginning of his work the pupil is directed to the study of plants themselves, using the text-book as an aid to correct his mistakes and to enlarge his field of view.

Text-books: Bergen and Davis' *Principles of Botany* and *Laboratory Manual.*

Reference Works: Campbell's *Evolution of Plants,* Campbell's *Text-book of Botany.* Strasburger's *Text-book of Botany.*

SYSTEMATIC BOTANY.

III. Spring Term. Sophomore. Lectures T. Th. 11:30. Laboratory by appointment. Four Hours.

This course involves practice in the description and identification of the ferns and flowering plants, with special reference to those groups which are of economic importance. As in Course I, one or more field excursions may be required.

Reference Books: Bergen and Davis' *Principles of Botany;*

Gray's *Manual of Botany;* Gray's *Field, Forest and Garden Botany;* Britton and Brown's *Illustrated Flora.*

PLANT HISTOLOGY.

IV. Fall Term. Junior. Lecture and Laboratory M. W. F. 9 to 11:30. Three Hours.

The student is given instruction and training in collodion, paraffin, and other methods of preparing vegetable tissues for microscopic study; accompanied and followed by a study of the slides so prepared.

Text-book: Chamberlain's *Methods in Plant Histology.*

PLANT PHYSIOLOGY AND PLANT PATHOLOGY.

V. Spring Term. Lectures and laboratory work. M. W. F. 9 to 11:30. Three Hours.

This course is designed to present the main facts and principles of plant physiology and in pathology to take up briefly, by the aid of collected specimens and greenhouse material, a study of some of the more common diseases of plants, particularly those of economic importance.

THE PLANT KINGDOM.

VI. Junior or Senior. Lectures T. Th. 11:30. Laboratory 1 or 2 periods by appointment. Three or Four Hours.

A general course arranged primarily for classical students comprising a discussion of the fundamental facts and relations of plant life, such as, the great groups of plants; evolution of plant life; relation of plant life to coal supply; fundamentals of plant physiology; aquatic vegetation; plant distribution through natural causes and the agency of man; inter-relations of plant and animal life; bacteria and fungi; plant life and disease; tree life and forestry; plant life and agriculture.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. (MAJOR BOTANY.)

		8-9 First Hour	Second Hour 9-10	Third Hour 10:30-11:30	Fourth Hour 11:30-12:30	Afternoon 1:30-3:30
Freshman	1	English I 3	Mathematics I 5	German I 3 History I 2	Physiology I 3	Drawing 2 (by appt.)
	2	English II 3	Mathematics II 5 German I 1 (Sat.)	German I 2 History I 2	Chemistry I 4	Drawing 2 (by appt.) Chemistry Lab 2
	3	English III 3	Mathematics III 5 German I 1 (Sat.)	German I 2 History I 2	Chemistry I 3 Botany I lec. 1	Chemistry Lab. 3 Botany 3
Sophomore	1	Mathematics IV 5	German II 3	Physics III 3	Botany II lec. 2	Botany II 3 Zoology I 3 (by appt.)
	2	Mathematics IV 5	German II 3	Physics III 2	Botany II lec. 2	Botany II 3 Zoology II 3
	3	Mathematics IV 5		Physics III 2	Botany III lec. 2	Botany III 2 Zoology III 3
Junior	1	Zoology IV 2	Sociology IV 2 Botany IV 3	Botany IV 3	Geology I 2 M. W. Astronomy VIII 2	Chemistry II 3
	2	Entomology I 3 Entomology I 3	Sociology IV 2	Elective	Geology I 2 M. W. Astronomy VIII 2	Botany
	3	Entomology II 3	Sociology IV 2 Botany V 3	Elective Botany V 3	Geology I 2 M. W. Astronomy VIII 2	Elective
Senior	1		History 3	English XI 2 English XIX 1	Elective	Zoology VII 2 Thesis Entomology IV (by appt)
	2		History 3 Greenhouse Management 2	English XI 2 English XIX 1	Elective	Zoology VII 2 Thesis Entomology V (by appt.)
	3		History 3	English XI 2 English XIX 1	Hort. V I lec. Thesis	Hort. V 1 (by appt.) Thesis Entomology V (by appt.)

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

III. THE DEPARTMENT OF CHEMISTRY.

Professor Tuttle, Professor Maxson, Dr. Daniels, and Mr. Essex.

The Department of Chemistry offers courses of study in
General Inorganic Chemistry,
Qualitative Analysis,
Quantitative Analysis,
Organic Chemistry,
Physical Chemistry.
Industrial Chemistry.

GENERAL INORGANIC CHEMISTRY. The work in General Chemistry extends through the second and third terms and must be taken by all students who intend to continue work in the department. Instruction is given by lectures, recitations and laboratory work. In the laboratory the student becomes familiar with apparatus and the methods of work and gains an intimate knowledge of the chemistry of the non-metals and metals which is a necessary preliminary to the study of qualitative analysis. During the third term the student manufactures and purifies simple inorganic compounds.

QUALITATIVE ANALYSIS. This subject is studied in the laboratory during the first term, the amount of time devoted to this work depending on the course of study pursued by the student. The student first becomes familiar with the reactions involved in the detection of the elements and then employs the knowledge so gained in the analysis of solids and of substances in solution.

QUANTITATIVE ANALYSIS. The preliminary work in Quantitative Analysis includes the gravimetric analysis of simple substances of known composition and such work in volumetric analysis as shall enable the student to become familiar with the use of "normal" solutions and acquire facility in the calculation of results. Subsequent work embraces the analysis of ores, iron and steel, alloys, coal and coke, water, silicates, flue gases, paint, fertilizers, and a variety of other commercial products.

All work is accompanied by lecture and recitation exercises where particular attention is given to the chemistry of the processes used.

ORGANIC CHEMISTRY. The more advanced work in the chemistry of the Carbon Compounds is preceded by a brief general survey of the whole subject. The laboratory course begins with the second term and, with the ultimate analysis of organic compounds, extends through the third term of the Junior year. The laboratory course of study in the preparation and purification of typical organic compounds is therefore arranged to accompany and supplement the class-room instruction.

PHYSICAL CHEMISTRY. This subject is studied by means of lectures and recitations, followed by laboratory exercises designed to acquaint the student with the execution of physico-chemical measurements.

INDUSTRIAL CHEMISTRY. The chemistry of industrial and manufacturing processes is studied throughout the Senior year, at a time when the student is best equipped for the purpose. As preliminary courses, advanced Quantitative Analysis, Organic and Inorganic Preparations are of the greatest value. To keep in touch with modern practices, current periodical literature is carefully studied and manufacturing establishments visited.

BUILDING AND EQUIPMENT. The building formerly occupied by the Experiment Station is now devoted entirely to Chemistry and is to be supplemented in the immediate future by a new building for which $25,000 has been appropriated.

The equipment includes such apparatus and chemicals as to enable the student to carry on work advantageously. There is a very complete and modern outfit for the analysis of flue gases, apparatus for the determination of molecular weights, platinum ware, apparatus of approved design for the analysis of water and an excellent equipment for the study of the compounds of carbon.

A very important adjunct to the equipment is the Department Library of about five hundred volumes. The very complete library of the Experiment Station is available at all times for consultation.

GENERAL DESCRIPTION OF THE COURSES OF STUDY OFFERED BY THE DEPARTMENT OF CHEMISTRY.

GENERAL INORGANIC CHEMISTRY.

I. Lectures, laboratory work and class-room exercises.

QUALITATIVE ANALYSIS.

II. Laboratory work accompanied by recitation periods. Must be preceded by Course I, or its equivalent.

INORGANIC PREPARATIONS.

III. A practical laboratory course devoted to the preparation of inorganic compounds from the crude material.

INORGANIC CHEMISTRY.

IV. A more advanced course in inorganic chemistry, primarily for the students in the Course in Chemistry.

ORGANIC CHEMISTRY.

V. An elementary course following Remsen's Introduction to the Study of the Compounds of Carbon.

QUANTITATIVE ANALYSIS.

VI. A laboratory course accompanied by lectures and class-room exercises. Gravimetric and volumetric methods of analysis are studied in detail during the last two terms of the Sophomore and the first term of the Junior year.

AGRICULTURAL ANALYSIS.

VII. This course in quantitative analysis is arranged for students in the Course of Agriculture. The elements of quantitative analysis are studied with special reference to the constituents of soils, fertilizers and agricultural products. Prerequisite, Courses I and II.

ORGANIC CHEMISTRY.

VIII. A more advanced course of lectures and class-room exercises extending through the Junior year.

THEORETICAL CHEMISTRY.

IX. Lectures and recitations on the modern theories of physical chemistry.

ORGANIC PREPARATIONS AND ANALYSIS.

X. A laboratory course in the preparation and analysis of typical organic compounds. Must be preceded by at least one term of Course VIII.

GAS ANALYSIS.

XI. A laboratory course in the analysis of illuminating, natural and flue gases, using the methods and apparatus of Hempel, Orsat and others.

ADVANCED QUANTITATIVE ANALYSIS.

XII. A laboratory course in the analysis of ores, alloys, slags, rocks, iron and steel. The chemistry of the methods employed is studied in detail.

WATER ANALYSIS.

XIII. In this course waters are examined to determine their suitableness for domestic and other purposes.

INDUSTRIAL CHEMISTRY.

XIV. In this course the chemistry of manufacturing processes is studied in detail, and when possible, manufacturing establishments in the vicinity are visited.

ELECTROCHEMISTRY.

XV. Lectures and recitations on the theory and practical application of electricity to chemical industrial processes.

PHYSICAL CHEMISTRY.

XVI. Laboratory studies in physico-chemical measurements.

SEMINARY.

XVII. A weekly exercise for Seniors in the Course in Chemistry devoted to a study of current periodical literature and conferences.

THESIS.

XVIII. Laboratory work and collateral reading, with presentation of results in thesis form.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. (MAJOR CHEMISTRY.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories
Freshman	1	English I 3	Mathematics I 5	History I 2 German I 3		Drawing I 2
	2	English II 3	Mathematics III 5 German I 1	German I 2 History I 2	Chemistry I 4	Chemistry I 2 Drawing I 2
	3	English III 3	Mathematics III 5 German I 1	German I 2 History I 2	Chemistry I 3	Chemistry I 3
Sophomore	1	Mathematics IV 5	German II 3 Chemistry IV 2	Physics III 3	Physiology 3	Physics V 2 Chem. II 4 M. W. F. S.
	2	Chemistry V 2	German II 3 Chemistry VI 1 Th.	Physics III 2	Mathematics IV 5	Physics V 2 Chemistry VI 3
	3	Chemistry V 2	German II 3 Chemistry VI 1 Th.	Physics III 2	Mathematics IV 5	Physics V 3 Chemistry VI 3
Junior	1	Chemistry VIII 3 Chemistry VI 1 Th.	Chemistry IX 2	Economics V 2	French I 3 Botany II 2	Chemistry VI 3 Botany II 3 (by appt.)
	2	Chemistry VIII 3	Chemistry IX 2	Economics V 2	French I 3	Chemistry X 3 Mineralogy III 2
	3	Chemistry VIII 2	Chemistry IX 2	Economics V 2	French I 3	Chemistry X 5 Mineralogy III 2
Senior	1	Chemistry XIV 2	Sociology IV 2 Chem. XVII 1 F.	English XI, XIX 3	Geology I 2 M. W. Astronomy VIII 2	Zoology I 3 Chemistry XII 4
	3	Chemistry XIV 2	Sociology IV 2 Chem. XVII 1 F.	English XI, XIX 3	Geology I 2 M. W. Astronomy VIII 2	Chemistry XVIII 5
	3	Chemistry XIV 2	Sociology IV 2 Chem. XVII 1 F.	English XI, XIX 3	Geology I 2 M. W. Astronomy VIII 2	Chemistry XVIII 5

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

COURSE IN INDUSTRIAL CHEMISTRY.

The Course in Industrial Chemistry, leading to the degree of Bachelor of Science in Industrial Chemistry, is adapted to the preparation of the student for a life work in chemistry. It not only provides a foundation for the study of medicine or some other post-graduate course of study which in turn enables the one so trained to cope successfully with one or more of the intricate scientific or industrial problems of the day, but immediately at the termination of the four years' course, the services of the graduate are in demand at a remunerative salary in the various technical and educational institutions of the country.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. IN INDUSTRIAL CHEMISTRY.

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories		
Freshman	1	English I 3	Mathematics I 5	German I 3	Botany II 2	Botany II 3 Drawing I 2		7.2
	2	English II 3	Mathematics III 5 German I 1	German I 2	Chemistry I 4	Chemistry I 2 Drawing I 2		5.7
	3	English III 3	Mathematics III 5 German I 1	German I 2	Chemistry I 3	Chemistry I 3 Chemistry III 2	18.6	5.7
Sophomore	1	Mathematics IV 5	German II 3 Chemistry IV 2	Physics III 3		Chemistry II 4 Physics V 2		7.6
	2	Chemistry V 2	German II 3 Chemistry VI 1 Th.	Physics III 2	Mathematics IV 5	Chemistry VI 4 Physics V 2		5.7
	4	Chemistry V 2	German II 3 Chemistry VI 1 Th.	Physics III 2	Mathematics IV 5	Chemistry VI 3 Physics V 3	19.0	5.7
Junior	1	Chemistry VIII 3 Chemistry VI 1 Th.	Chemistry IX 2	Economics V 2 Hist. I (lect.) 1 W.	Germ. III 2 M. W. Hist. I (rec.) 1 F.	Chemistry VI 6		7.2
	2	Chemistry VIII 3	Chemistry IX 2	Economics V 2 Hist. I (lect.) 1 W.	Germ. III 2 M. W. Hist. I (rec.) 1 F.	Chemistry X 5 Mineralogy III 2		5.4
	3	Chemistry VIII 2 Chemistry XI 2	Chemistry IX 2	Economics V 2 Hist. I (lect.) 1 W.	Germ. III 2 M. W. Hist. I (rec.) 1 F.	Chemistry X 5 Mineralogy III 2	18.3	5.7
Senior	1	Chemistry XIV 2 Chemistry XV 3	Chem. XVII 1 F.	English XI, XIX 3	Geology I 2 M. W. Chemistry XIII 2	Chemistry XII 5		7.2
	2	Chemistry XIV 2	Chem. XVII 1 F. Metallurgy 2	English XI, XIX 3	Geology I 2 M. W.	Chemistry XVIII 5 Assaying 2		5.4
	3	Chemistry XIV 2	Metallurgy 2 Chem. XVII 1 F.	English XI, XIX 3	Geology I 2 M. W.	Chemistry XVIII 4 Chemistry XVI 2	17.4	4.8

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

IV. DEPARTMENT OF DOMESTIC SCIENCE.

Miss Marshall.

Courses of instruction given in this department are planned to meet the needs of two classes of students, namely, those who specialize in other departments, and those who desire to obtain a more thorough knowledge of the subject by taking all of the courses offered.

The intimate connection which exists between a comprehensive study of foods and the Science of Chemistry makes it necessary to include in the course in Domestic Science a considerable portion of the Chemistry which is offered to students taking the course in Chemistry.

Owing to the change which has taken place during the last years in the social and economical conditions of this country, which has as its main result the taking away of woman from the home and placing her in the business world, the school-room, etc., it has seemed expedient to offset this condition by introducing into school, college and university courses a course which shall pertain especially to household management. It has been established as a fact that mechanical progress has been less utilized in the household to save hard labor by human hands than in any other line of work.

It is the business of the woman to correct this condition; she cannot do it without intelligent training, and in offering the following course we do so in order to train women in correct, economical and labor-saving methods of household management. This course is both thorough and practical and will be of value to women desiring to teach or practice the principles of Domestic Science.

EQUIPMENT.

The department occupies the third floor of the Education Building. The quarters consist of a large, well-lighted and well-ventilated laboratory for practical cookery, which is supplied with all the necessary equipment for modern individual work, and a lecture room fitted up with folding lecture-room chairs and an ample supply of food samples for illustrating lectures. A commodious

store-room, adjacent to the lecture room, is arranged to meet the needs of the department.

BRANCHES OF STUDY.

The general order of succession in studies which pertain strictly to Domestic Science is:

I. Practical Cookery.
II. Advanced Cookery and Cooking for Convalescents.
III. Food Production and Manufacture.
IV. Dietetics.
V. Chemistry in Nutrition.

PRACTICAL COOKERY.

I. Three laboratory periods per week, required of all women who are candidates for degrees of A. B. and B. S.

The instruction given familiarizes students with facts concerning cookery and impresses these facts by practical work in cookery.

Class and laboratory work consists in the study of:

a. Animal Foods, including meat, fish, extracts, jellies, milk, cheese, eggs, etc.

b. Vegetable Foods, including bread and cereals.

c. Leavening Agents, including baking powder, yeast, etc., etc.

In addition a certain time is set apart for a theoretical discussion of cleaning and its cost and practical demonstration as related to sanitation in the household.

Text: 1. Manual—compiled by the Instructor. 2. Cost of Cleanness—Ellen Richards.

ADVANCED COOKERY AND COOKING FOR CONVALESCENTS.

II. A continuation of the above course. Attention is given to the serving of food and to the preparation of more elaborate dishes.

Cooking for convalescents is given in order to acquaint the students with special methods of diet cookery.

Text: Cook Book for Nurses—Hill.

FOOD PRODUCTION AND MANUFACTURE.

III. Lectures in this course describe the preparation of various staple foods, from their raw state to the condition in which they reach the household, together with a discussion as to their nutritive value and cost.

Among the subjects considered are: Cereals, Fruits, Vegetables, Sugars, Meats, Tea, Coffee, Dairy Products, etc.

Text: Human Foods—Snyder.

DIETETICS.

IV. This course consists of a theoretical arrangement of the relation of diet to health; the influence of age, sex and occupation upon the diet. Material for a meal is weighed out by the students and furnished to the class in Practical Cookery to be prepared.

Text: Government Bulletins.

CHEMISTRY IN NUTRITION.

V. This course deals mainly with the functions of the proteids, fats, carbohydrates, and salts in nutrition. It includes a critical study of the methods and results of recent investigations in food chemistry and human nutrition.

Text: Thompson's dietetics.

A uniform cap and apron is required of all students in the laboratory courses in Domestic Science.

SCHEDULE OF STUDIES LEADING TO THE DEGREE OF B. S., (MAJOR DOMESTIC SCIENCE.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories	Credits
Freshman	1	English I 3	Mathematics I 5	German I 3		Domestic Science I 3 Drawing 3 (by appt.)	6.8
	2	English II 3	Mathematics II 5 German I 1	German I 2	Chemistry I 4	Domestic Science I 3 Chemistry I Lab. 2	6.0
	3	English III 3	Mathematics III 5 German I 1	German I 2	Chemistry I 3	Chemistry I Lab. 3	5.1 17.9
Sophomore	1	Mathematics IV 5	French I 1 German II 3	Physics III 3 French I 2	Physiology I 3	Chemistry II 4	8.4
	2	Chemistry V 2	Chemistry VI 1 Th. German II 3	Physics III 2 French I 3		Chemistry VI Lab. 4	4.5
	3	Chemistry V 2	Chemistry VI 1 Th. German II 3	Physics III 2 French I 3		Domestic Science II 2 Chemistry VI Lab. 3	4.8 17.7
Junior	1	Zoology IV 2 Chemistry VIII 3	French II 3	Economics V 2	Botany II 2 Geology I 2	Botany II Lab. 3 (appt.)	6.8
	2	Zoology IV 2 Chemistry VIII 3	French II 2	Economics V 2 Domestic Sci. III 2	Botany II 2 Geology I 2	Chemistry X 5 Botany II Lab. 3 (appt.)	6.9
	3	Chemistry VIII 2	French II 3	Economics V 2 Domestic Sci. III 2	Geology I 2	Chemistry X 5	4.8 18.5
Senior	1		History III 3 Domestic Sci. V 2	English XI, XIX 3	Sociology IV 2	Domes. Sci. VI Thesis 5	6.0
	2	Domestic Sci. IV 2	History III 3 Domestic Sci. V 2	English XI, XIX 3	Sociology IV 2	Domes. Sci. VI Thesis 5	5.1
	3		History III 3 Domestic Sci. V 2	English XI, XIX 3	Sociology IV 2	Domes. Sci. VI Thesis 5	5.1 16.2

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

V. DEPARTMENT OF EDUCATION

Professor Noe and Assistant Professor Gillis.

The General Assembly of the State of Kentucky, by an act approved March 16th, 1908, established in the State University a Department of Education with collegiate rank, leading to the usual degrees in pedagogy as maintained in other similar institutions, with the provision that the degrees of Bachelor of Arts in Education and Bachelor of Science in Education may be conferred, which, with the approval of the State Superintendent of Public Instruction, will entitle the holder to teach in any of the common schools and high schools of the Commonwealth without further examination during life or good behavior.

The same act further provided that the Board of Trustees of the State University shall have power and authority, subject to the approval of the State Superintendent of Public Instruction, to confer, under its corporate seal, upon students of said Department of Education, the following certificates:

1. An elementary certificate upon the completion of one year's work, which shall entitle the holder thereof to teach in any public school of this State for a period of two years from date thereof, without further examination.

2. An intermediate certificate upon the completion of two years' work, which shall entitle the holder thereof to teach in any public school of this State for a period of four years from date thereof, without further examination.

3. An advanced certificate upon the completion of three years' work, which shall entitle the holder thereof to teach in any public school of this State for a period of three years from date thereof, without further examination; and, if at the end of three years, a teacher holding an advanced certificate shall present, to the Board of Trustees which granted the same, satisfactory evidence of successful teaching during said period, and of good moral character, then the advanced certificate may be extended for life or good behavior by said Board, subject, however, to the approval of the State Superintendent of Public Instruction, and it shall be endorsed by the said Board, and the holder thereof shall be entitled to teach in any public school of this State during good behavior, without further examination.

EQUIPMENT AND FACILITIES.

The building known as the "Department of Education" is one of the handsomest and best appointed buildings on the campus. It contains seven recitation or lecture rooms, a department library room, a ladies' waiting room, the Dean's office, a large beautifully furnished society hall, toilet rooms, etc. The library contains about one thousand well selected books, the larger number of them dealing with the subjects of education and teaching. The leading magazines come to the reading room every month, and students are encouraged to keep abreast of the times both in educational thought and general progress,—political, social, and industrial. The department is also equipped with encyclopedias, dictionaries, maps, globes, and charts.

The courses of study outlined below are intended to prepare students for a high grade of teaching in graded schools, high schools, colleges, and universities. More than that, no more attractive course of study is offered in the University to one who wishes to engage in business or to enter upon any professional career.

COURSES IN EDUCATION.

EDUCATION.

I. An introductory course in the history and psychology of education is given in the Freshman year. The class meets twice a week for recitations and lectures. This course aims to acquaint the student with the broad fundamentals of psychology and education.

PSYCHOLOGY.

II. Three hours a week throughout the Sophomore year is devoted to the study of psychology. The work is based on James, but the department library is supplied with the best works published on this subject, and the student is required to make reports from time to time concerning the views of other authors.

PRINCIPLES OF EDUCATION.

III. This course alternates with the three-hours' course in Psychology. The text used is Horne's *Psychological Principles of Education.* The text-book is supplemented by lectures and recitations.

ADOLESCENCE.

IV. During the third term of the Sophomore year the subject of Adolescence will be studied twice a week. Lectures on the physical, mental, moral, and social growth of the child and youth, as related to the various problems of primary and secondary education, such as interest, study, ideals, discipline, etc., will be given twice a week.

HISTORY OF EDUCATION.

V. A complete survey of the history of education is made with Monroe's exhaustive work as a text.

EDUCATIONAL CLASSICS.

VI. The Junior class meets three times a week for the study of the history of education and twice a week for the study of educational classics, which is parallel and supplementary to the history.

LITERATURE IN ENGLISH.

VII. This course embraces the literary study of three or four world masterpieces in translation. We believe this is a subject generally neglected in courses for teachers, but one which is of the highest importance as a cultural course, and therefore of supreme importance to teachers.

HISTORY OF PHILOSOPHY.

VIII. Rogers' text-book on the history of philosophy will be used in this course, which will run through the first two terms of the Senior year. Special attention will be paid to the relations of philosophical movements to the movements of history, ancient, mediaeval, and modern. The course alternates with senior history.

AESTHETICS.

IX. A brief course in aesthetics is given during the spring term of the Senior year. Attention is given to the history of art, and to landscape gardening, school architecture, school-room decoration, etc.

COMPARATIVE DIDACTICS.

X. A course in comparative didactics will be given in the Senior year to students who have taken the history of education, educational classics, the principles of education. The work in this course

will consist in lectures and reports on investigations of educational systems, methods, tribal education, ethnology, anthropology, etc. The aim—cultural, rather than practical—is to give the student an insight into the evolution of education, and thereby broaden his mind and enlarge his sympathies.

SEMINARY.

XI. The Sophomores and Juniors meet once a week during the second and third terms for the discussion of problems of educational interest. Papers on subjects assigned early in the fall term are read, and a lively interest is taken in the discussions that follow. All the teachers of the department meet with the students on these occasions.

RESEARCH.

XII. The Seniors do research work along several lines of educational work during the second term, preparatory to the preparation of a thesis. The aim is to give the student some experience in the handling of original sources.

THESIS.

XIII. This course is a continuation of Course XII, but is limited to the subject which the candidate has chosen for his thesis. The work is done under the direction of the Dean in charge.

SCHEDULE OF STUDIES FOR THE DEGREE OF A. B. (MAJOR EDUCATION.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Afternoon	Credits
Freshman	1	Education I 2 English I 3	Mathematics I 5	German I 3	Latin I 5	History I 2	8.0
	5	Education I 2 English I 3	German I 1 S. Mathematics III 5	German I 2	Latin I 3	History I 2	5.4
	3	Education I 2 English I 3	German I 1 S. Mathematics III 5	German I 2	Botany I 1 Latin I 3	History I 2 Botany I 3	6.6 20.0
Sophomore	1	Latin II 3	Education II 3 Education III 2 French I 1 S.	Physics III 3 French I 2	Physiology I 3	English IV 5	8.8
	2	Latin II 3	Education II 3 Education III 2	Physics III 3 French I 3	Chemistry I 4	Education XI 1 Chemistry I Lab. 2	6.3
	3	Latin II 3	Education II 3 Education III 2	Physics III 3 French I 3	Chemistry I 3	Education XI 1 Chemistry I Lab. 2	6.0 21.1
Junior	1	Entomology I 3 Zoology IV 2	French II 3 English V 2	Education V 3 Education VI 2	Astronomy VIII 2 Geology I 2		7.6
	2	Education VII 3 Zoology IV 2	French II 3 English VI 3	Education V 3 Education VI 2	Astronomy VIII 2 Geology I 2	Education XI 1	6.3
	3	Education VII 3	French II 3 English VII 2	Education V 3 Education VI 2	Astronomy VIII 2 Geology I 2	Education XI 1	5.4 19.3
Senior	1	Education VII 5	Geology IV 2 Education VIII 2	English XI 2 English XIX 1	Education X 3 Sociology IV 2		6.8
	2		Geology IV 2 Education VIII 2	Metaphysics 2 English XIX 1	Education X 3 Sociology IV 2	Education XII 1	3.9
	3		Geology IV 2 Education VIII 2	Ethics 2 English XIX 1	Education X 3 Sociology IV 2	Education XIII 3	4.5 15.2

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. (MAJOR EDUCATION.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Afternoon	Credits
Freshman	1	Education I 2 English I 3	Mathematics I 5	German I 3 Physiology I 3		History I 2 Drawing I 2	8.0
	2	Education I 2 English I 3	Mathematics III 5	German I 2 Physiology I 3		History I 2 Drawing I 2	5.7
	3	Education I 2 English I 3	Mathematics III 5	German I 2		History I 2	4.2 17.9
Sophomore	1	Mathematics IV 5	Education II 3 French I 1 Sat. Education III 2	Physics III 3 French I 2	Botany II 2	Botany II 3	8.4
	2	Mathematics IV 5	Education II 3 Education III 2	Physics III 2 French I 3	Chemistry I 4	Education XI 1 Chemistry I Lab. 2	6.6
	3	Mathematics IV 5	Education II 3 Education IV 2	Physics III 2 French I 3	Chemistry I 3	Education XI 1 Chemistry I Lab. 2	6.3 21.3
Junior	1	Entomology I 3 Zoology IV 2	French II 3 English V 2	Education V 3 Education VI 2	Astronomy VIII 2 Geology I 2		7.6
	2	Education VII 3 Zoology IV 2	French II 2 English VI 3	Education V 3 Education VI 2	Astronomy VIII 2 Geology I 2	Education XI 1	6.0
	3	Education VII 3	French II 3 English VII 2	Education V 3 Education VI 2	Astronomy VIII 2 Geology I 2	Education XI 1	5.4 19.0
Senior	1	Education VII 5	Geology IV 2 M. W. Education VIII 2	English XI 2 English XIX 1	Education X 3 Sociology IV 2		6.8
	2		Geology IV 2 M. W. Education VIII 2	Metaphysics 2 English XIX 1	Education X 3 Sociology IV 2	Education XII 1	3.9
	3		Geology IV 2 M. W. Education IX 2	Ethics 2 English XIX 1	Education X 3 Sociology IV 2	Education XIII 3	4.5 15.2

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

VI. DEPARTMENT OF ENGLISH AND LOGIC.

Professor Mackenzie and Assistants.

PRIMARILY FOR UNDERGRADUATES.

I. Rhetoric and English Composition. First Term. Three hours per week. M. W. F. In five sections at hours to suit the convenience of all Freshmen.

Ia. English Composition—prose and metrical. Throughout the year. M. W. F. Optional for those who seek training in the short story, in the technique of prosody, and in general expression.

II. Literary History of America. Second Term. Three hours per week. M. W. F. Required of all Freshmen who are candidates for any baccalaureate degree.

IIa. Literary History of Kentucky. Throughout the year. T. Th. Optional. Prose during the first semester, poetry during the second. Intensive and interpretative.

III. Modern English Drama. Third Term. M. W. F. Freshman requirement for all undergraduates. Collateral reading during the three terms.

IIIa. Public Speaking and Dramatic Reading. Throughout the year. T. Th. Optional for those who seek training in declamation and elocution in general. As far as possible, this class will cooperate with the Literary Societies of the University.

IV. The Romantic Movement. Daily for first term. Required of all Arts Sophomores. Abundant collateral reading.

IVa. The Bible in English Poetry. T. Th. The aim is not theological, but esthetic and cultural. Required of English major students during third term; open to all undergraduates who have taken Courses I, II, III, or their equivalent.

V. Medieval Literature. First Term. M. W. F. Required of all Juniors pursuing liberal arts and science. In alternate years literary history of Europe from the ninth to the twelfth century, and from the thirteenth to the fifteenth.

Va. English and Scots Ballads T. Th. Open to all Junior undergraduates and to graduates.

Vb. JOURNALISM. T. Th. Throughout the year. Occasional lectures will be delivered by capable journalists, and practical work performed by all students. Open to Junior and Senior undergraduates and to all alumni.

Text-books: Dana's *Art of Newspaper Making;* Luce's *Writing for the Press.*

VI. GENERAL LITERATOLOGY. Second Term. M. W. F. Mainly for Junior A. B. and B. S. undergraduates. A purely inductive study of literary phenomena.

Text-book: Mackenzie's *Evolution of Literature.*

VIa. THE GENESIS OF PROSE. Second Term. M. W. F. As a branch of anthropology written prose is traced from the oral myth of the hunting tribes, and the laws of prose rhythm are tentatively outlined. (1910-11.)

VII. ENGLISH LANGUAGE. Third Term. M. W. F. Mainly for Junior undergraduates. The obscure Pictish question, especially the misunderstood Kymric and Gadelic factors, will receive such attention as may elucidate the pre-Norman growth of the Kelto-Saxon dialects.

VIIa. MIDDLE ENGLISH. Throughout the year. M. W. F. Open to all Juniors and Seniors as well as to University graduates.

VIIb. MODERN ENGLISH. Throughout the year. M. W. F. Includes the study of Advanced Historical Grammar. Tarde's laws of imitation; modern differentiation as witnessed in America and the motherland. Open to all Juniors and Seniors as well as graduates.

VIII. ANGLO-SAXON GRAMMAR. Throughout the year. M. W. Required of Juniors whose major study is English.

IX. ANGLO-SAXON READING. Throughout the year. T. Th. Required of all Seniors whose major study is English. Open only to students who have taken Course VIII.

X. LOGIC. Throughout the year. T. Th. Mainly for Senior engineers. The aim is to make students alert to the fallacies of the workshop and the world.

XI. LOGIC. First Term. M. F. Required of all Seniors who are candidates for degrees in Agriculture, Arts, and Science. This is not a duplication of Course X.

XII. COMPARATIVE PHILOLOGY. Second and Third Terms. M. W. Required of all major English undergraduates. The elements of semeiology, etc.

XIII. COMPARATIVE PHILOLOGY. Throughout the year. T. Th. Elementary Sanskrit or Hebrew. VI being prerequisite. Open to Seniors and to graduates.

XIV. THESIS. Throughout the year. Two hours per week. Required of all major English undergraduates.

PRIMARILY FOR GRADUATES.

Provided that the consent of the English Department has been obtained, graduate students may, with a view to research work, suggest plans for study of the language or literature of a restricted period. The following suggestions are offered:

XV. ENGLISH PHILOLOGY. Two hours per week throughout the year. A comparative study of English, Scots, Manx, Irish, and American dialects of the eighteenth or the nineteenth century. Alien elements such as tribal influence in America. For candidates who elect English as a minor study.

XVI. COMPARATIVE LITERATURE. An alternative for Course XV. An intensive study of the prose or poetry of a given century, distinct from undergraduate work. Each course involves oral and written examinations.

XVII. ENGLISH PHILOLOGY SEMINAR. Three hours per week throughout the year. Exercises in the higher criticism. Required of all candidates for the Master's degree, in the event that they elect English as the major study. Anglo-Saxon and Gothic are prerequisite.

XVIII. ENGLISH LITERATURE SEMINAR. This is an alternative for Course XVII. An intensive study of a given period. Either course involves examinations and the preparation of a satisfactory thesis. Both courses presuppose a reading knowledge of French and German or any modern substitutes such as Norse and Gaelic.

SCHEDULE OF STUDIES FOR THE DEGREE OF A. B. (MAJOR ENGLISH.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Afternoon	Credits
Freshman	1	English I 3	Mathematics I 5	German I 3 or Greek I 3	Latin I 5	History I 2	7.2
	2	English II 3	Mathematics III 5 German I 1 or Greek I 1 S.	German I 2 or Greek I 2 Physiology I 3	Latin I 3	History I 2	5,7
	3	English III 3	Mathematics III 5 German I 1 or Greek I 1 S.	German I 2 or Greek I 2 Physiology I 3	Latin I 3	History I 2	5,7 18.6
Sophomore	1 3	Latin II 3	French I 1 S German II 3 or Greek II 3	French I 2 Physics III 3	English IV 5		6.8
	3	Latin II 3	German II 3 or Greek II 3	French I 3 Physics III 2	Chemistry I 4	Chemistry I 2	5.1
		Latin II 3	German II 3 or Greek II 3	French I 3 Physics III 2	Botany VI 2	Botany VI 1	4.2 16.1
Junior	1	Zoology IV 2	English V 2 French II 3	English VIII 2 Latin III 3	German III 2 Sociology IV 2		6.4
	2	Zoology IV 2	English VI 3 French II 2	English VIII 2 Latin III 3	German III 2 Sociology IV 2		4:8
	3	English IVa 2	English VII 2 French II 3	English VIII 2 Latin III 3	German III 2 Sociology IV 2		4.8 16.0
Senior	1	English IX 2 French III 2	History III 3	English XI, XIX 3 Economics V 2	Geology I 2 M. W.	English XIV 2(Thesis)	6.4
	2	English IX 2 French III 3	History III 3	Meta 2, Eng. XIX 1 Economics V 2	English XII 2 Geology I 2	English XIV 2(Thesis)	5.7
	3	English IX 2 French III 2	History III 3	Ethics 2, Eng. XIX 1 Economics V 2	English XII 2 Geology I 2	English XIV 2(Thesis)	5.4 17.5

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

VII. DEPARTMENT OF ENTOMOLOGY AND ZOOLOGY.

ENTOMOLOGY.

EQUIPMENT AND FACILITIES.

The general laboratory and lecture room of the Entomological Department is located on the first floor of the Natural Science Building.

The equipment of the department includes tables, dissecting and compound microscopes, breeding cages, aquaria, collecting apparatus, charts and lantern slides to illustrate economic entomology; histological preparations,, besides an excellent collection of noxious and beneficial insects, a large general collection and life-history collections, all of which will be freely used for illustrative purposes.

There is also a library, which contains the best standard entomological literature. The work embraces lectures, recitations, field excursions and laboratory work. Short excursions will be substituted for laboratory periods from time to time and all-day excursions will be planned for students in all courses in this department.

BRANCHES OF STUDY.

The general order of succession in the entomological studies is as follows:

I. General Entomology and Elementary Morphology of Insects.
II. Elementary Systematic Entomology and Entomotaxy.
III. Economic Entomology.
IV. Advanced Entomology (Life Histories).
V. Insect Histology.
VI. Advanced Systematic Entomology.

I. ELEMENTARY MORPHOLOGY OF INSECTS, GENERAL ENTOMOLOGY.

First and Second Terms. Three hours per week, M. W. F. This course should follow Zoology.

Elementary Morphology of insects is a laboratory course designed to present to the student the essentials of insect anatomy.

General Entomology is a parallel course comprising a study of the characteristics of the orders, sub-orders and important families of insects. One all-day field excursion required in the Fall Term.

Laboratory Guide: Comstock and Kellogg's *Elements of Insect Anatomy.*

Text-book: Comstock's *Manual for the Study of Insects.*

II. ELEMENTARY SYSTEMATIC ENTOMOLOGY, ENTOMOTAXY.

Third Term. Three hours per week. A laboratory and field course designed to give the student practice in the classification of insects and in the methods of collecting and preparing specimens for the cabinet. Two all-day field excursions required.

III. ECONOMIC ENTOMOLOGY.

First Term. Three hours per week, M. W. F. The purpose of this course is to familiarize the student with the habits and life histories of the more important noxious insects and with the methods of combating them.

IV. ENTOMOLOGY (LIFE HISTORIES).

First Term. Three hours per week. An advanced course offering an opportunity for breeding and determining the life histories of insects. One all-day field excursion required.

V. INSECT HISTOLOGY.

Second and Third Terms. Two hours per week, W. F., Second Term, and three hours per week, Third Term. A study of the histological structure of the arthropods.

VI. ADVANCED SYSTEMATIC ENTOMOLOGY.

Second Term. Three hours per week, M. W. F. This course is open only to those who have taken Entomology I and II. An advanced course in which practice is given in the identification of species.

ZOOLOGY.

EQUIPMENT AND FACILITIES.

The Department of Zoology occupies two rooms on the first floor of the Natural Science Building. These rooms are provided

with tables and a special set of apparatus, including compound microscopes, for each student. There is in addition a complete general equipment for all lines of zoological investigation, such as zoological charts for the study of systematic zoology, microtomes and paraffin ovens for work in microscopy, an incubator for work in embryology, a selection of type skeletons (some of which have been mounted by students) for illustrating osteology, alcoholic specimens of both marine and inland forms of animals to illustrate general zoology with duplicates for class dissection, and finally a library of standard zoological literature, including the leading periodicals devoted to the interests of biological science. Abundant opportunity for collecting fresh zoological material, as well as for studying living animals in their native habitats is afforded by the "Excursions."

BRANCHES OF STUDY.

The general order of succession in the zoological studies is as follows:

I. Invertebrate Zoology.
II. Vertebrate Zoology.
III. Embryology.
IV. Text-book Zoology.
V. Osteology.
VI. Comparative Anatomy.
VII. Systematic Zoology and Ecology.

I. INVERTEBRATE ZOOLOGY.

First Term. Three laboratory periods per week, M. T. Th., or days by appointment.

The student studies the form and structure of typical representatives of each of the invertebrate sub-kingdoms and is given lectures on the systematic position, habits and development.

Laboratory Text-book: Pratt's *Invertebrate Zoology*. A copy of this book is furnished to each student as a part of the laboratory equipment. One all-day field excursion required.

II. VERTEBRATE ZOOLOGY.

Second Term. Three laboratory periods per week, M. T. Th., or days by appointment.

This is a course on Vertebrate Anatomy similar to I on Invertebrates.

Text-books: Pratt's *Vertebrate Zoology* and Jordan's *Manual of the Vertebrates of the Eastern United States.* Both books furnished to students as part of the laboratory equipment.

III. EMBRYOLOGY.

Third Term. Three laboratory periods per week, M. T. Th., or days by appointment.

This course consists of lectures on the general facts and principles of embryology, accompanied by practical work on the embryonic development of such vertebrates as the frog and chick.

Text-books: Balfour's *Elements of Embryology* and Holmes's *Biology of the Frog.*

IV. ZOOLOGY (TEXT AND LECTURES).

First and Second Terms. Two hours per week, T. Th.

The topics discussed in this course are: The Interrelation of Plants and Animals; Struggle for Existence; Coloration of Animals; Social Life of Animals; Protoplasm; Origin of Life; Physiological Division of Labor; Animal Physiology; Principles of Embryology; Past History of Animals; Doctrine of Evolution. The Second Term is devoted to elementary systematic Zoology.

Text-book: Arthur Thompson's *Animal Life.*

V. OSTEOLOGY.

First and Second Terms. Two hours per week. This course consists of a comparative study of the vertebrate skeleton, chiefly that of the Mammalia. At the close of the course the student is given the option of mounting a disarticulated skeleton or standing an examination.

Text-book: Flower's *Osteology of the Mammalia.*

VI. COMPARATIVE ANATOMY.

Third Term. Two hours per week, T. Th. This course should follow I and II. It consists of a comparative study of the structure of groups of animals.

VII. SYSTEMATIC ZOOLOGY AND ECOLOGY.

First and Second Terms. Two laboratory periods per week. This course is open only to students who take I and II. It consists of laboratory and field work devoted to the identification of species, the study of their habits, and relation of animals to their environment. Two all-day field excursions required.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. (MAJOR ENTOMOLOGY AND ZOOLOGY.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories	Credits
Freshman	1	English I 3	Mathematics I 5	History I 2 German I 3		Drawing I 2 (by appt.)	6.
	3	English II 3	Mathematics III 5 German I 1 Sat.	History I 2 German I 2	Chemistry I 4	Drawing I 2 (by appt.) Chemistry I Lab. 2	6.3
	3	English III 3	Mathematics III 5 German I 1 Sat.	History I 2 German I 2	Chemistry I 3	Bot. I Lab. 3(by appt.) Chemistry I Lab. 3	6.6 18.9
Sophomore	1	Mathematics IV 5	German II 3 French I 1 Sat.	Physiology 3 French I 2	Geology I 2 Botany II Lect. 2	Bot. II Lab.3(by appt.) Zool. I Lab.3(by appt.)	9.6
	2	Mathematics IV 5	German II 3	French I 3	Geology I 2	Zool. II Lab. 3 M. T.	4.8
	3	Mathematics IV 5	German II 3	French I 3	Geology I 2	Zool, III Lab. 3 M. T.	4.8 19.2
Junior	1	Zoology IV 2 Entomology I 3	French II 3 Zoology V 2	Physiology III 3	German III 2 M.W.	Physics V 2	6.8
	2	Zoology IV 2 Entomology I 3	French II 2 Zoology V 2	Physiology III 2	German III 2 M.W.	Physics V 2	4.5
	3	Entomology II 3	French II 3 Zoology VI 2	Physiology III 2	German III 3	Physics V 3	4.8 16.1
Senior	1	Geology II 3	Sociology IV 2 Entomology III 3	English XI 2 English XIX 1	Entomology IV 3 Astronomy VIII 2		6.4
	2	Geology II 3	Sociology IV 2 Entomology V 2	Metaphysics 2 English XIX 1	Entomology VI 3 Astronomy VIII 2	Zoology VII 2 W. F.	5.1
	3		Sociology IV 2 Entomology V 3	English XIX 1 Ethics, 2	Astronomy VIII 2	Zoology VII 2	3.6 15.1

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

VIII. DEPARTMENT OF GEOLOGY

Professor Miller and Miss McCann.

EQUIPMENT AND FACILITIES.

The department occupies one-half of the second floor of the Natural Science Building.

The Geological Laboratory is fitted up with tables and chairs, and contains the study collection which consists of representative specimens of fossils and minerals.

The Mineralogical Laboratory is arranged in its furnishings with special reference to its use as a mineral-testing laboratory.

The Geological Lecture Room, furnished with folding lecture-room seats, lantern-stand, sliding blackboard, wall-screen and means for quickly darkening the room, is admirably adapted to recitation and lecture uses.

The collections in Mineralogy and Paleontology are arranged and classified with special reference to their use in class instruction.

The Museum, occupying the entire third floor of the building, now contains the State Geological Survey collection, a valuable addition to the instruction facilities of this department.

As additional equipment may be mentioned the department library of geological literature, consisting of reports, both State and National, maps, charts, models, lantern slides, photographic views, and a rock-slicing machine.

The department is also fortunate as regards the geological location of the University. Situated in the very heart of the Blue Grass Region, near the base of the geological series of the State, it affords logically the best starting-point for the student of Kentucky geology who would gain a clear comprehension of how the rock foundations of his State have been laid.

BRANCHES OF STUDY.

The general order in the geological studies is as follows:

I. Elementary Geology.
II. Paleontology.
III. Mineralogy.
IV. Laboratory Physical Geography.
V. Advanced Geology.
VI. Economic Geology.

I. ELEMENTARY GEOLOGY.

Throughout the Year. Two hours per week, M. W. Major geology students take this subject during the Sophomore year. Others may take it as late as the Senior year. Required of all students who are candidates for the degrees of A. B. and B. S., except those for whom VI is prescribed.

The attempt is made here to acquaint the student with the general facts and principles which are involved in Dynamical, Structural, Physiographical and Historical Geology. Two excursions, occupying one day each, are required.

Text-book: Norton's *Elements of Geology.*

II. PALEONTOLOGY.

First and Second Terms. Three hours per week. (Monday, Wednesday and Friday.) This course should accompany or follow the beginning work in Zoology.

Lectures on the nature and zoological position of different fossil groups of animals are given, and the student is expected to verify descriptions of fossils by an examination of the specimens themselves and to so learn their peculiarities that he can identify many species and genera at sight.

Special attention is paid to fossils which are important in Kentucky stratigraphy. The collections of the department are well suited for this purpose. The instruction is almost entirely by lecture and laboratory work.

III. MINERALOGY.

Second and Third Terms. Two laboratory periods per week (Wednesday and Friday).

The object of the study is to render the student familiar with the compositions and physical characters of those common minerals likely to be met with both in the course of every-day observation and in geological pursuits. The course involves both laboratory and text-book work.

Text and Laboratory Guide: Crosby's *Tables for Determination of Common Minerals.*

IV. LABORATORY PHYSICAL GEOGRAPHY.

Throughout the year. Two hours per week, one credit. (Tuesday and Thursday). The student is given a series of exercises

which involve the interpretation of physiographic structures as revealed in maps, photographs and models; the making of clay and sand models; the construction of weather maps; the practical use of the barometer, compass, clinometer and other instruments required by modern laboratory and field methods in Physical Geography. Two excursions in the Fall and two in the Spring Term required.

V. ADVANCED GEOLOGY.

Throughout the year. Two hours per week. (Tuesday and Thursday.)

The same topics are treated here as in (I), but more thoroughly, as it is fitting such should be treated after the student has had courses (II) and (III) as well as work in other departments which better fit him for an understanding of the deeper problems of geology. Two excursions in the Fall and two in the Spring Term required.

Text-book: Scott's *Introduction to Geology.*

VI. ECONOMIC GEOLOGY.

Second and Third Terms. Two hours per week (Tuesday and Thursday). As the name indicates, it is the industrial side of geology that is here presented. Historical geology is studied here briefly and in outline. Fossils are considered important only in so far as they serve to determine stratigraphic position of rocks and deposits. Structural Geology becomes relatively important and Mineralogy and Lithology occupy leading places. Some of the topics of economic importance treated are: Common Rocks and Vein-forming Minerals; Origin of Ore Deposits; Mining Terms and Methods; Coal; Petroleum; Natural Gas and Asphaltums; Building Stones; Clay and Cement; Geological Fertilizers; Relation of Geology to Agriculture; Relation of Geology to Engineering.

Text-book: Ries's *Economic Geology,* supplemented by lectures.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. (MAJOR GEOLOGY.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Laboratories	Credits
Freshman	1	English I 3	Mathematics I 5	History I 2 W. F. Germ. I 3 M.T.Th.		Drawing I 2 (by appt.)	6.
	2	English II 3	Mathematics III 5 German I 1 Sat.	History I 2 W. F. German I 2	Chemistry I 4 M. T. W. Th.	Drawing I 2 (by appt.) Chemistry I Lab. 2	6.3
	3	English III 3	Mathematics III 5 German I 1 Sat.	History I 2 W. F. German I 2	Chemistry I 3 Botany I Lect. 1 T.	Bot. I Lab. 3 (by appt.) Chemistry I Lab. 3	6.9 19.2
Sophomore	1	Mathematics IV 5	German II 3 French I 1 Sat.	French I 2	Sociology IV 2 Geology I 2 M.W.	Zool. I Lab. 3 (by appt.)	7.2
	2	Mathematics IV 5	German II 3	French I 3	Sociology IV 2 Geology I 2 M.W.	Geol. (Min.) III 2 W. F.	5.1
	3	Mathematics IV 5	German II 3	French I 3	Sociology IV 2 Geology I 2 M.W.	Geol. (Min.) III 2 W. F.	5.1 17.4
Junior	1	Zoology IV 2 Geology II 3	French II 3 Zoology V 2	Physics III 3	Astronomy VIII 2 German III 2 M.W.	Physics V 2	7.6
	2	Geology II 3	French II 2 Zoology V 2 M. W.	Physics III 2 Physiology I 3	Astronomy VIII 2 German III 2 M.W.	Physics V 2	5.4
	3		French II 3 Zoology VI 2	Physics III 2 Physiology I 3	Astronomy VIII 2 German III 3	Physics V 3	5.4 18.4
Senior	1	French III 2	Geology IV 2 M.W.	Geology V 2 English XI, XIX 3		Geology (Thesis) 5	5.6
	2	French III 3	Geology IV 2	Geology V 2 Meta 2, Eng. XIX 1	Geology VI 2	Geology (Thesis) 5	5.1
	3	French III 2	Geology IV 2	Geology V 2 Ethics 2, Eng. XIX 1	Geology VI 2	Geology (Thesis) 5	4.8 15.5

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

IX. DEPARTMENT OF LATIN AND GREEK.

Acting Professor Jones.

The following introduction on the value of classical learning was prepared by the late Prof. John H. Neville, and is repeated from the 1908 catalogue:

The curriculum leading to the classical degree of A. B. includes English, Latin, Greek or French and German, History, Political Economy, Metaphysics, Mathematics, and some Physical Science. The grouping of these studies is designed to meet the needs of those students whose tastes and aptitudes incline them to literature rather than to science; who seek not knowledge alone but culture* as well; and who, moreover, desire a course of studies suited to those who are to prepare themselves for a profession, and to become teachers, preachers, physicians, lawyers, journalists, writers or scholars, or, it may be, legislators or authors.

To this brief statement of the objects kept in view in making up this group of studies it is due to this department, and not meant to be invidious, to add, that statistics published annually by the U. S. Commissioner of Education show that, even in this country where scientific and the so-called practical studies are so strongly and so justly recommended and encouraged, that even here the classical group is from three to six times more popular than any other; while the English, the French, and the Germans, who in letters, arts, and arms rank highest in the scale of nations, devote far more attention to these studies than we.

The Professors of this department offer courses of study equal to those of the best land-grant colleges, courses as long and as varied as the grade of their students and other limitations allow. In offering them they announce that their method of instruction, so far as it is distinctive, rests on the assumption that ability to write a language well is the infallible test of a real knowledge of it. Unusual attention is therefore given to Greek and Latin composition, the first session being devoted almost entirely to the writing

*Culture implies knowledge, but it is much more. A man of liberal culture is he whose mind has been trained to express thought, by tongue or pen, on many subjects, and in words of clearness, force and beauty.

of exercises. This leads directly to an accurate knowledge of the forms and meanings of words, of the rules of syntax, and of the idioms. Every student of the classes in grammar is required daily to translate on the blackboard an exercise from Greek or Latin into English, and another from English into Greek or Latin, and then to write out declensions and conjugations, with careful attention to the length of syllables, and to accentuation. His work is then rapidly corrected by the teacher, who in making his corrections supplements the lesson of the text-book with instruction on the order of the words, on synonyms, on the derivation of English words suggested by the words of the exercise, and on other pertinent matters. This process involves great labor for the student and drudgery for the teacher, but it leads to a mastery of the grammar and to much more.

The second session is spent mostly in reading the easy Latin of Viri Romæ, nepos, and Cæsar, or the easy Greek of the Reader and Xenophon, considerable attention being still directed to the writing of exercises. The student is encouraged in the habit of first reading the sentences in the Greek or Latin order of the words, and of then translating them in the English order and idiom. The translations are partly oral, partly written.

During the remainder of the courses the bright and diligent student proceeds from the easier authors to the more difficult, enlarging his vocabulary, extending and sharpening his knowledge of forms, syntax, and idioms, incidentally directing his attention to metres, geography, history, mythology, and antiquities, and perpetually and supremely to the effort to find the best English expression for the Greek or Latin thought; for, while more than a third, and that too unspeakably the most difficult third, of our own magnificent language is derived from Greek and Latin, and while the study of these tongues is therefore intensely practical to those who speak English, and indispensable to all who would thoroughly acquire it, yet it is in the intellectual training to be had from the proper translation of the Greek and Latin authors that the advocates of classical learning find their amplest justification and defense, their most cogent plea. The ceaseless quest for the clearness, precision, force, and beauty of the best English, in order to find an equivalent for the best Greek or Latin, calls into play every faculty of the mind, and gives to classical studies an educational value which, we insist, no substitute can equal.

The Germans are admitted to be the leading educators of the world. In the nine years' curriculum of their 468 gymnasia, which are their best secondary schools (corresponding to our colleges, but conferring no degrees and with fewer studies far better taught), they assign to the study of Greek and of Latin a higher educational value than to any other study.* In the 227 Prussian gymnasia, for example, Latin, by the time devoted to it, is valued at 62, Greek at 36, and Mathematics, the next highest study, at 34. In the other parts of Germany the difference is greater still. In the Saxon gymnasia, Latin is valued at 72, Greek at 41, Mathematics at 33. Similarly, in the great public schools of England, including Oxford and Cambridge (with a higher estimate of Mathematics, however), as well as in the Lycees, the leading secondary schools of France, the utility of the study of the Latin language as a medium of intellectual training and culture is everywhere recognized as supreme. And the results have justified the estimate. A system of education by which a host of great men, from Bacon to Gladstone, have been fitted for their splendid careers, is assuredly not a bad one, and in that system Greek and Latin have always held the first place.

While no wise man will seek to disparage or unduly to exalt any branch of knowledge, it is not invidious to say that though the vast expansion of science during the wonderful nineteenth century has contributed enormously to the comfort and glory of man, yet an immense majority in the civilized nations will continue to feel more interest in man and his doings than in matter and its properties, more in literature than in science, and more in the applications of science than in its principles and processes.

Greek, the marvelous tongue of the most intellectual of all the races; the tongue that has contributed thousands of words to our own; the tongue that enshrines the noble literature, which has been the model of supreme excellence for twenty centuries; Greek, in

---

*"The classical literature is, and will continue to be, the source of all our culture. It must remain, therefore, not only indispensable, but by far the most important study in our higher schools."—Frederic Gedike. And yet the German language owes little to Greek and Latin, while the English owes to them nearly half of its words. The inference of course is that the study of Greek and Latin is far more useful to an American or an Englishman than it can be to a German, for the German derives culture from the study and the American or Englishman both culture and a knowledge of his language.

the crowded curricula of American schools, especially of co-educational schools, will, for ordinary students, naturally give place to the easier and more practical French and German. The more gifted or ambitious, who seek high scholarship and a more liberal culture, will learn Greek, and of course French and German. Nay, when a student of high spirit finds that he must know eight languages to read the notes to so common a work as Macaulay's History or Buckle's, he will be ashamed to skip any, and he will not be satisfied till he can read them all, including those in Greek.

It is timely to mention that after long and earnest debate, the proposition to substitute French and German for Greek in the course for A. B. at Oxford and Cambridge has lately been voted down by a great majority. A needless wrangle, easy to settle once for all by giving a higher degree to those who learn all these languages and a lower to those who omit Greek or French or German.

In the eighteenth century the supreme writers of English prose were Burke and Gibbon; in the nineteenth, De Quincey and Macaulay. All of them were distinguished classical scholars, and they used more words of Latin than of Saxon origin. But whether a writer should use more words of either class than of the others, depends on his subject and his readers: a Saxon-English *Paradise Lost,* and a Latin-English *Pilgrim's Progress* would have been alike impossible.

LATIN I.—FRESHMAN.

Virgil's Aeneid (Books I-VI); Livy (Book XXII); Johnston's Private Life of the Romans.

The object of this course is two-fold: first, to give a general introduction to the literature of the Augustan Age; second, to give the student a thorough drill in forms and construction so that all members of the class may be brought to something like the same standard of proficiency in their knowledge of Latin. Special attention will be given to scanning, also to mythological and historical references. The examination at the end of the year will include Johnston's Private Life of the Romans.

LATIN II.—SOPHOMORE.

Cicero (De Senectute, Selections from Letters); Horace (Odes, Books I-III).

This course is a continuation of Latin I. It is intended to give the student a broader knowledge of the literature of the first

century B. C. Lectures will be given on the life of Cicero, the life of Horace, the political changes which took place during this time, etc. Required reading will be assigned from Boissier's "Cicero and His Friends," and Sellar's Horace.

LATIN III.—JUNIOR.

Terence (Phormio); Pliny's Letters (selections); Tacitus (Annals—Books I and II).

This course is intended to give the student a wider view of Latin Literature. The authors read belong to the periods preceding and following the Augustan Age. These writers will be read for the light they shed on the public and private life of the times as well as with reference to their literary worth. Lectures will be given on such subjects as the Roman theatre, the history of the drama at Rome, important events during the time of Pliny and Tacitus. A considerable amount of supplementary reading will be assigned from such books as Pellison's "Life in Pliny's Time."

LATIN IV.—SENIOR.

Juvenal (selections); Catullus and the Elegiac Poets.

The object of this course is the same as that of the preceding—a more intimate acquaintance with the language, literature and life of the Romans. The reading of the text in the class-room will be accompanied by full explanatory comment. Special attention will be given to the style and metres of the authors. Lectures will be given on the authors themselves, comparing them with other great writers, ancient and modern. Some standard work on the history of Latin Literature will be the required supplementary reading of this course.

GREEK.

Professor ————————

GREEK I.—FRESHMAN.

1. HOMER. The Iliad, Books I-VI. Lectures on the Homeric Question, Life in the Homeric Age, Mycenaean Antiquities, and other topics germane to the subject matter.

2. PLATO. The Apology and Crito, selections from the Phædo. This course will be accompanied by lectures on the relations of Plato to Socrates, the position of Socrates as a moral teacher, his

methods of investigation, and the debt to him and Plato of all modern philosophical enquirers.

3. Exercises in Prose Composition once a week throughout the year.

GREEK II.—SOPHOMORE.

1. HERODOTUS. Books VIII, IX. This course will include a rapid review of Greek history from the Ionic Revolt to the end of the Persian Wars. Lectures on the Ionic dialect, Herodotus, method of treating history and the bearing of recent archaeological discovery on his credibility.

2. DEMOSTHENES. Philippics IV, VI, IX. This course will include a rapid review of Greek history from the accession of Philip to the battle of Chaeronea, lectures on the history of Greek oratory. Demosthenes' career as a statesman and his position as an orator will be carefully studied.

GREEK III.—JUNIOR.

1. THUCYDIDES. Book II. The course will include a discussion of the causes which led to the Peloponnesian War, the reading of numerous selections in translation, lectures on Thycydides' style and on the causes of his pre-eminence as a historian.

2. GREEK TRAGEDY. Sophocles, the Antigone; Aeschylus, the Prometheus Bound. Lectures on the origin and development of Tragedy, Aristotle's defiintion of Tragedy, Scenic Antiquities.

GREEK IV.—SENIOR.

1. TRAGEDY. Euriprides, the Medea; Sophocles, the Trachiniae. In this course the individualities of style and genius of the three tragedians will be discussed, their positions as play-wrights in the light of both ancient and modern criticism.

2. COMEDY. Aristophanes, the Clouds and Frogs. Lectures on the origin and development of Comedy, the Comic Fragments, Old and New Comedy. This course will include a comprehensive review of Greek Literature based on Jebb's Primer of Greek Literature.

SCHEDULE OF STUDIES FOR THE DEGREE OF A. B. (MAJOR LATIN AND GREEK.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Afternoon	Credits
Freshman	1	English I 3	Mathematics I 5	Ger. I 3 or Grk. I 3	Latin I 5	History I 2	7.2
	2	English II 3	Mathematics III 5	Ger. I 3 or Grk. I 3 Physiology I 3	Latin I 3	History I 2	5.7
	3	English III 3	Mathematics III 5	Ger. I 3 or Grk. I 3 Physiology I 3	Latin I 3	History I 2	5.7 18.6
Sophomore	1	Latin II 3 Zoology IV 2	German II 3 or Greek II 3	French I 3 Physics III 3	English IV 5		7.6
	2	Latin II 3 Zoology IV 2	German II 3 or Greek II 3	French I 3 Physics III 2	Chemistry I 4	Chemistry I 2	5.7
	3	Latin II 3	German II 3 or Greek II 3	French I 3 Physics III 2	Botany VI 2	Botany VI 1	4.2 17.5
Junior	1	Mathematics IV 5	French II 3 or Greek III 3 English V 2	Latin III 3	Geology I 2 Sociology IV 2		6.8
	2	Education VII 3	French II 2 or Greek III 2 English VI 3	Latin III 3	Geology I 2 Sociology IV 2		4.5
	3	Education VII 3	French II 3 or Greek III 3 English VII 2	Latin III 3	Geology I 2 Sociology IV 2		4.5 15.8
Senior	1	Latin IV 2 French III 2 or Greek IV 2	History III 3	English XI, XIX 3 Economics V 2	Astronomy VIII 2		5.6
	2	Latin IV 2 French III 3 or Greek IV 3	History III 3	Meta 2, Eng. XIX 1 Economics V 2	English XII 2 Astronomy VIII 2		5.1
	3	Latin IV 2 French III 2 or Greek IV 2	History III 3	Ethics 2, Eng. XIX 1 Economics V 2	English XII 2 Astronomy VIII 2		4.8 15.5

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

X. DEPARTMENT OF HISTORY, POLITICAL ECONOMY AND METAPHYSICS.

President Patterson and Assistant Professor Tuthill.

HISTORY AND THE POLITICAL SCIENCES.

The course of instruction in these subjects includes an outline of Ancient, Medieval and Modern History, Sociology, Economics and Government. Attention is given to the various forms of government, their characteristic features and points of difference; to the progress of civilization, the origin and development of parliamentary government, the rights and duties of citizenship.

The following courses are now offered:

I. HISTORY. Ancient History, two hours per week throughout the year. Open to Freshmen, and recommended to all who would lay a foundation for the study of European history. An introduction to the life and institutions of the ancient world.

Text, lectures, and frequent quizzes.

II. HISTORY. Medieval History, three hours per week throughout the year. More intensive than Course I, comprehending the history of western Europe from the later Roman Empire to the discovery of America.

Text, lectures, topics, readings, and weekly quizzes.

III. HISTORY. English and American History, three hours per week throughout the year. Open to Seniors and to other persons of sufficient preparation.

IV. SOCIOLOGY. Two hours per week. Charities and Corrections, two terms. A course dealing with problems of poverty, crime, insanity, and social degeneration. Text, American Charities, Warner. Continued the third term as Social Psychology. A study of the social mind and its reaction on the individual mind, as manifested in custom, fashion, public opinion, and in other forms. Text, Social Psychology, Ross.

V. ECONOMICS. Introduction to Economics, two hours per week throughout the year. Not open to Freshmen. Text, Bullock's Introduction, revision of 1908.

VI. GOVERNMENT. Two hours per week. An elective course for Juniors, Seniors and professional students. Designed to elucidate the principles of local and central government; to present the main features of the leading European governments; and to analyze the constitutions of Kentucky and the United States.

VII. METAPHYSICS. A comparative study of the Hamiltonian and other systems, ancient and modern. Collateral lectures embrace the fundamental principles of Psychology according to Wundt, James, and others. The synthetic philosophy of Spencer is not neglected.

VIII. ETHICS. Guided largely by Kant and Caird, the course embraces psychological prolegomena, theories of the moral standard, and the moral life. Conduct, individual and ethnic, is viewed from a purely rational standpoint with a view to upbuild character.

Text-book: Mackenzie's *Manual of Ethics.*

XI. DEPARTMENT OF MATHEMATICS AND ASTRONOMY.

Professor White, Assistant Professor Davis, Miss White, Mr. Rees, Mr. Downing.

PLANE TRIGONOMETRY.

I. This course is given five times per week during the Fall Term. It is required of all students.

In this course the student should become familiar with, and be able to use, the principal formulas expressing the relations of the various trigonometric functions to each other. He should be able to find natural and logarithmic functions of angles of any magnitude, to compute the parts of any plain triangle, and to learn practical applications of the subject to Surveying.

SPHERICAL TRIGONOMETRY.

II. This course is given three times per week during the Winter Term. It is required of Civil Sngineering students and is open to all others.

After gaining a working knowledge of the formulas, students are required to apply them to many practical problems in navigation, geodesy and astronomy.

COLLEGE ALGEBRA.

III. This course is given five times per week during the Winter and Spring Terms and is required of all students.

A thorough and comprehensive knowledge of algebra is of vital importance to students who pursue courses in higher Mathematics, whether pure or applied, and in such sciences as Physics and Chemistry. Special care is therefore taken to see that students have a thorough training in this subject. Fine's College Algebra will be the text-book for the session 1909-10. Two hours per week during the Fall Term will be devoted to Theory of Equations and the solution of The General Cubic and Biquadratic Equations, as presented in Fine's College Algebra, by all students who take Analytical Geometry.

ANALYTICAL GEOMETRY.

IV. This course is given three times per week during the Fall

Term and five times per week during the Winter and Spring Terms. It is required of Engineers and is open to all students. The Fall Term's work is designed to acquaint the student with analytical methods of investigation and is limited to the straight line and the circle. During the Winter Term second degree curves are studied and the Spring Term is given to the study of "higher plane curves", the plane, the right line in space and surfaces of the second degree.

CALCULUS.

V. Five times per week for engineers and three times per week for other students during an entire year. Required of engineers and open to all others. Engineers begin the subject in January of their Sophomore year, but other students are advised to begin in January of their Junior year. During the Winter Term the principles of the differential calculus are developed. The Spring Term is given to the study of numerous applications of the derivative, such as tangents, normals, maxima and minima, etc., and to the simpler forms for integration.

The Fall Term is given to the study of more complicated forms of integration and the usual applications of the principles of Integral Calculus to the determination of volumes and surfaces, rectification of curves, centers of gravity, and moments of inertia.

Text-book: Granville's *Differential and Integral Calculus.*

THEORY OF EQUATIONS AND DETERMINANTS.

VI. This course is given chiefly by lectures based on the treatment of these subjects in Fine's College Algebra and Burnside and Panton's Theory of Equations. The course includes special work in Advanced Algebra and is designed for students who wish to specialize in Mathematics. It is given three times per week during the entire year.

ADVANCED CALCULUS AND DIFFERENTIAL EQUATIONS.

VII. This course is given two times per week during the entire year and is open to students who have had Courses I to VI inclusive.

GENERAL ASTRONOMY.

VIII. This course is given two times per week during the entire year and is open to all students.

A general view of the subject will be given by text-book and lectures and frequent use of an 18-inch celestial globe.

Class-room work will be supplemented by the identification of the principal constellations and by the use of the 8-inch refracting telescope in the observatory.

XII. DEPARTMENT OF MODERN LANGUAGES.

Professor Zembrod and Associate Professor Melcher.

The Department of Modern Languages offers a fours years' course in the German Language and Literature; a three years' course in the French Language and Literature; a course of one year each in the Spanish and Italian Languages.

The Department Library has been considerably increased in the last two years, and new books are constantly added.

The following are the courses offered:

GERMAN.

I. FRESHMAN. Bierwierth's *Elements of German;* Storm's *Immensee;* Hillern's *Hoeher als die Kirche;* Hatfield's *German Lyrics;* Howe's *German Prose Composition.*

II. SOPHOMORE. Eichendorff's *Aus dem Leben eines Taugenichts;* Hatfield's *German Lyrics* or equivalent; Heine's *Harzreise Buch der Lieder;* Meyerfoerster's *Karl Heinrich;* Schiller's *Wilhelm Tell, Lyrics;* German Prose Composition.

III. JUNIOR. Lessing's *Minna von Barnhelm; Emilia Galotti;* Schiller's *Der Neffe als Onkel, Maria Stuart;* Goethe's *Egmont; Poems; Goetz von Berlichingen.*

IV. SENIOR. Goethe's *Faust, Part I;* Lessing's *Nathan der Weise;* History of German Literature in the 18th and 19th Centuries.

FRENCH.

I. SOPHOMORE. Fraser and Squair's *French Grammar;* Elementary French Reader; Verne's *Michel Strogoff.*

II. JUNIOR. Fraser and Squair's *French Grammar;* Bowen's *French Lyrics;* French Prose 19th Century; Selections from Gautier; Lamartine; Hugo; Collateral Reading.

III. SENIOR. Fraser and Squair's *French Grammar;* French Classical Literature of the 17th Century; Selections from Corneille, Racine, Moliere; Collateral Reading; History of French Literature.

I. SPANISH.

Edgren's *Elements of Spanish Grammar;* Traub's *The Spanish Verb;* Bransby's *A Spanish Reader.*

I. ITALIAN.

Grandgent's *Italian Grammar;* Bowen's *Italian Reader.*

SCHEDULE OF STUDIES FOR THE DEGREE OF A. B. (MAJOR MODERN LANGUAGES.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Afternoon	Credits
Freshman	1	English I 3	Mathematics I 5	History I 2 W. F. Germ. I 3 M.T.Th.	Latin I 5		7.2
	2	English II 3	Mathematics III 5 German I 1 Sat.	History I 2 W. F. German I 2	Latin I 3		4.8
	5	English III 3	Mathematics III 5 German I 1 Sat.	History I 2 W. F. German I 2	Latin I 3 Botany I 1 T.	Botany I 3 (by appt.)	6.0 18.0
Sophomore	1	Latin II 3	German II 3 French I 1 Sat.	Physics III 3 French I 2	Physiology I 3	English IV 5	8.
	2	Latin II 3	German II 3	Physics III 2 French I 3	Chemistry I 4 M. T. W. Th.	Chemistry I Lab. 2 T.Th.	5.1
	2	Latin II 3	German II 3	Physics III 2 French I 3	Chemistry I 3	Chemistry I Lab. 3	5.1 18.2
Junior	1	Zoology IV 2	French II 3 Spanish I 2	English VIII 2 Latin III 3	German III 2 M.W. Sociology IV 2		6.4
	2	Zoology IV 2	French II 2 Spanish I 2	English VIII 2 Latin III 3	German III 2 M.W. Sociology IV 2		4.5
	3		French II 3 Spanish I 2	English VIII 2 Latin III 3	German III 3 Sociology IV 2		4.5 15.4
Senior	1	French III 2 German IV 3	History III 3	Economics V 2 Eng. XI 2, XIX 1	Astronomy VIII 2 Geology I 2 M. W.	Thesis 2	7.6
	2	French III 3 German IV 2	History III 3	Economics V 2 Meta 2, Eng. XIX 1	Astronomy VIII 2 Geology I 2 M. W.	Thesis 2	5.7
	3	French III 2 German IV 3	History III 3	Economics V 2 Ethics 2, Eng.XIX 1	Astronomy VIII 2 Geology I 2 M. W.	Thesis 2	5.7 19,0

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

XIII. DEPARTMENT OF PHYSICS

Professor Pence, Assistant Professor Webb, Mr. Jenness.

EQUIPMENT.

The Department of Physics will, before September 1, occupy the southern half of the large, three-story, brick building planned and constructed especially to meet the needs of this department and of the technical work of the College of Civil Engineering.

The department is amply provided with well-equipped offices, reading rooms, recitation rooms and laboratories for general work, and also for special work in photometry, photography, optics, heat and electricity.

The lecture room will seat about 180 students and is provided with numerous appliances for a complete course of experimental lectures.

Transparent and opaque projections, projections to show double refraction, diffraction, interference, polarization and specteum analysis are provided for. A fine heliostat provides the lecture table with a stationary beam of sunlight eight inches in diameter. Instruments for experimentation with sunlight can be placed on stone shelves which project from the windows of rooms used for recitation and lectures and the study of optics.

The basement, which is chiefly above ground, is well lighted and has excellent working rooms with concrete floors, among which are a large precision room, the battery room, and a workshop in which in addition to the principal switchboard, dynamos and motors, are lathes and tools for making and repairing apparatus.

From the main switchboard there extends to all laboratories and other workrooms two circuits for direct and alternating currents.

The building has a private telephone system and a hoist for apparatus.

The greater portion of the apparatus for the various lines of work of the department is new and additional apparatus is being added each year.

COURSES.

GENERAL PHYSICS.

I. Text-book and recitations, two hours per week during the

First Term and three hours per week during the Second and Third Terms. For all students in engineering.

PHYSICAL MEASUREMENTS.

II. Six hours per week during the First Term and four hours per week during the Second and Third Terms. Measurements in the mechanics of solids, liquids, and gases, and in heat, sound, light, electricity, and magnetism. For students in Civil and Mining Engineering.

GENERAL PHYSICS.

III. Same as Physics No. I; three hours per week during the First term and two hours per week during the Second and Third Terms. For all students except those in engineering.

PHYSICAL MEASUREMENTS.

IV. Five hours per week, one hour daily, during the First Term. Measurements in the mechanics of solids, liquids, and gases, and in heat. For students in Mechanical Engineering.

PHYSICAL MEASUREMENTS.

V. Same as Physics No. II. Four hours per week during the First Term and six hours per week during the Second and Third Terms. For students in the College of Arts and Science and the College of Agriculture.

ADVANCED PHYSICS.

VI. First Term, three hours per week. Lectures, text-book, and recitations on mechanics, sound, and light. For all students in engineering and for students who take Physics as a major. Elective for others.

Prerequisites: Physics I or III, and II.

ADVANCED PHYSICS.

VII. Second and Third Terms, three hours per week. Lectures, text-book, and recitations on heat, electricity, and magnetism. For all students in engineering and for others who take Physics VI.

ADVANCED PHYSICAL MEASUREMENTS.

VIII. Four hours per week throughout the year. Measurements to accompany Physics VI and VII. For students in Civil Engineering and for students who take Physics as a major.

THESIS.

IX. For students whose major is Physics.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. S., (MAJOR PHYSICS.)

		First Hour	Second Hour	Third Hour	Fourth Hour	Afternoon	Credits
Freshman	1	English I 3 History I 1 Th.	Mathematics I 5	Germ. I 3 M. T. Th. History Lec. 1 W.	Botany II Lec. 2	Botany II Lab. 3 Drawing I 2 (by appt.)	8.0
	2	English II 3 History I 1 Th.	German I 1 S. Mathematics III 5	German I 2 History Lec. 1 W.	Chemis. I 2 M. W. Chemistry I 2	Drawing I 2 (by appt.)	5.7
	3	English III 3 History I 1 Th.	Mathematics III 5	Germ. I 3 M. T. Th. History I Lec. 1 W.	Chemistry I 3		4.8 18.5
Sophomore	1	Mathematics IV 5	German II 3	Physics III 3	Physiology I 3	Physics V 2 Botany II Lab. 3	7.6
	2	Mathematics IV 5	German II 3	Prysics III 2 Mathematics V 3		Physics V 2 Chemistry VI Lab. 4	5.7
	3	Mathematics IV 5	German II 3	Physics III 2 Mathematics V 3		Physics V 3 Chemistry VI Lab. 3	5.7 19.0
Junior	1	Zoology IV 2	Physics VI 3 Chemistry IX 2	Mathematics V 5	German III 2 M.W. Astronomy VIII 2	Physics VIII 3	7.6
	2	Zoology IV 2	Physics VII 3 Chemistry IX 2		German III 2 M.W. Astronomy VIII 2	Physics VII 3	4.2
	3		Physics VII 3 Chemistry IX 2		German III 2 M.W. Astronomy VIII 2	Physics VII 3	3.6 15.4
Senior	1		Sociology IV 2 History III 3	English XI 2 M. F. English XIX 1 W.	Geology I 2 M. W.	Physics IX 5	6.0
	2		Sociology IV 2 History III 3	Metaphysics 2 M.F. English XIX 1 W.	Geology I 2 M. W.	Physics IX 5	4.5
	3		Sociology IV 2 History III 3	Ethics 2 M. F. English XIX 1 W.	Geology I 2 M. W.	Physics IX 5	4.5 15.0

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

THE COLLEGE OF AGRICULTURE.

FACULTY AND ASSISTANTS.

JAMES KENNEDY PATTERSON, Ph. D., LL. D.,
President.

CLARENCE WENTWORTH MATHEWS, B. S., Dean,
Professor of Horticulture and Botany.

JOHN JULIAN HOOPER, M. S. A.,
Professor of Animal Husbandry and Agriculture.

GEORGE ROBERTS, B. Ped., M. S.,
Chemist of Ky. Ag. Experiment Station. Acting Professor of Soil Physics.

ARTHUR McQUISTON MILLER, A. M.,
Professor of Geology and Zoology.

FRANKLIN ELLIOTT TUTTLE, Ph. D.,
Professor of Chemistry.

JAMES GARRARD WHITE, A. M.,
Professor of Mathematics and Astronomy.

JOSEPH WILLIAM PRYOR, M. D.,
Professor of Anatomy and Physiology.

MERRY LEWIS PENCE, M. S.,
Professor of Physics.

ALEXANDER ST. CLAIR MACKENZIE, M. A., F. R. S. L.,
Professor of English and Logic.

ALFRED CHARLES ZEMBROD, A. M.,
Professor of French and German.

WALTER ELLSWORTH ROWE, C. E.,
Professor of Civil Engineering.

PHILIP W. CORBUSIER,
First Lieutenant, U. S. A., Commandant.

MISS ELIZABETH SHELBY KINKEAD,
Lecturer on English Literature.

ALFRED HOLLEY GILBERT, B. S.,
Asistant Professor Botany and Horticulture.

MISS SUE DOBYNS McCANN, M. S.,
Instructor in Entomology.

WILLIAM DURRETT NICHOLLS, B. S. Agr.,
Instructor in Dairy Husbandry.

GEORGE B. WILKEN,
Instructor in Farm Mechanics.

GEORGE THOMAS SCOTT,
Student Assistant in Horticulture and Botany.

KENNETH ODIN CAYCE,
Student Assistant in Agriculture.

MISS LUCY KELLER HUTCHCRAFT, A. B.,
Secretary to the Dean.

THE COLLEGE OF AGRICULTURE.

Through an enactment of the Legislature of Kentucky, the Department of Agriculture of this institution became in 1908 The College of Agriculture, and during the same year it entered the new Agricultural Building.

The fundamental purpose of the College of Agriculture is to give instruction of both a scientific and practical character in the very diverse subjects which are most concerned in the varied lines of industry comprised within the scope of the general term "agriculture."

In order to meet the varied needs of young men desiring such an education, the college has arranged three distinct courses in agriculture, involving different grades of work and requirements of admission, and different periods of residence at the College. These include a regular four-years' course of full collegiate rank, leading to a University degree; a two-years' course for young men who from lack of time and opportunity for a high-school education are unable to take a four years' course; and lastly, the short winter course of ten weeks, for young and mature men directly from the farm, designed to apply in its teachings the results of scientfic investigation and the ripest farm experience to the practical business of farming.

BUILDINGS AND EQUIPMENT.

The Agricultural Building, which was erected in 1907-08, is located upon the southwest corner of the University campus and is a structure 45x100 feet in size, three stories in height above a roomy basement, and is designed as a wing of a much larger structure which the growing interest in agricultural education will probably necessitate in the near future.

The construction is of the most thorough and substantial character, the materials being native limestone for the foundation, with Maysville pressed brick and Bedford stone for the superstructure, the whole being covered with a roof of red tiles. The basement contains large rooms for farm mechanics, farm machinery, a potting and propagating room, together with space for the heating plant. Upon the first floor is the office of the

Dean, adjoining which is a private laboratory, and nearby are the Horticultural lecture room, and general and advanced Botanical laboratories. Upon the second floor are the office of the professor of Agronomy and professor of Animal Husbandry, a lecture room for Animal Husbandry, and laboratories for Soil Physics and Agronomy. A feature of special interest upon this floor is a beautiful room provided with fireplace and attractive mission furniture, which serves as a reading-room and a meeting place for the student organizations. A large number of the best agricultural and other periodicals are kept here on file at the service of the students of the College.

Upon the third floor a commodious room is provided for the meetings of the Grange and other farmers' organizations or college assemblies. This floor also contains an advanced laboratory, the agricultural museum, and a photographic laboratory, with dark rooms both for students' and instructors' use. This laboratory has a superior equipment for giving instruction to advanced students, and for the preparation of lantern slides and enlargements for the use of the various departments, and for the illustration of theses and other studies prosecuted in the College of Agriculture.

The lecture rooms in the building are provided with opera chairs, electric projection lanterns, and other appliances for illustrative and demonstrative purposes.

The laboratories for Agronomy and Horticulture are large and abundantly lighted and suitably equipped with gas, water, and electric current for carrying on the work of the department. The botanical laboratories are provided with individual tables, with the most approved forms of microscopes, microtomes, ovens and sterilizing apparatus, balances, charts, etc., in accordance with their several requirements.

All the rooms are exceptionally well lighted with large windows, and by night with both gas and electric lamps. Every room is also provided with ventilating shafts for ensuring a constant change of air during class exercises.

Adjoining the building upon the rear there has been erected a laboratory greenhouse, 24x50 feet in size, for the use of classes in Botany, Horticulture and other studies involving experimental work with living plants. The main greenhouses upon another

portion of the University grounds also provide abundant material for the use of classes in botany.

For botanical instruction there is also an extensive herbarium which contains a nearly complete representation of the flora of Kentucky, together with a large number of foreign exchanges. This is due primarily to the efforts of the late Dr. Robert Peter who made an extensive collection of Kentucky plants about sixty years ago, and also exchanged specimens with the prominent botanists of that day, thus forming the nucleus of the present collection, which therefore possesses considerable historic value. The herbarium is constantly growing by means of collections and exchanges.

A small frame building upon another part of the grounds is well equipped with facilities for instruction in farm dairying.

Among the additional facilities for agricultural instruction, there is installed in the basement of the new building a growing collection of the best farm implements and machinery, most of which has been loaned or donated by the manufacturers.

In many features of the college instruction, the extensive equipment of the Experiment Station farm, a few minutes' walk from the college campus, incidentally affords unusual opportunity for supplementary and illustrative instruction. A large herd of Jersey cattle, housed in a commodious and well-equipped dairy barn; extensive and varied plots of field, forage and garden crops, with numerous other experiment studies in progress all the time, afford stimulating and interesting subjects for inquiry throughout a student's course.

The extensive live stock and other agricultural interests of the unrivalled Blue Grass country immediately surrounding Lexington may fairly be considered a vastly enlarged field of laboratory inquiry for all students of agriculture. Frequent visits are made to the various farms in this vicinity, and their owners and managers have manifested a most cordial hospitality, and a willing co-operation in promoting the cause of agricultural education in Kentucky.

THE FOUR YEARS' COURSE.

The regular course in the College of Agriculture requires four years and is of the same rank as that of other college courses. It leads to the degree of Bachelor of Science in Agriculture.

The requirements for admission and the rates for tuition and other fees are identical with those of the candidate for the degree of B. S. in the College of Arts and Science, as are also the conditions for securing the minimum of sixty-nine credits (inclusive of those in Military Science and Physical Education) required for graduation.

The course is designed for those who desire to take a thorough college training, combining liberal culture with specialization in those branches of study directly related to agricultural pursuits. It is arranged primarily to meet the needs of the young man who is familiar with the common operations usually shared in by one who has been reared upon the farm. Such men constitute a large percentage of those who matriculate in Agriculture, and the time of classes, therefore, is not consumed in training undergraduates in the commoner manual operations of farm life.

The young man from the city, who expects to engage in agricultural pursuits, is therefore advised to supplement his college course as fully as possible by practical experience upon one or more well managed farms. This can often be advantageously done during the summer vacations.

It should not be understood, however, that the practical operations of the farm are ignored. On the contrary, great care and considerable time are devoted to giving instruction in many highly important operations, which involve special knowledge or a high degree of skill. Thus the student is taught to take levels, test the draft of implements and vehicles, take apart and reassemble farm machines and engines; perform the operations of grafting, pruning, spraying, and hybridizing; test milk, to make high class butter; and is given practice in judging a variety of animals.

Provision is made for the selection by the student of a major subject for the latter part of his course, thus permitting him, within certain limits, a choice of studies during the Junior and Senior years. Even in these years, however, a considerable number of subjects are required of all.

While including a certain minimum of each of the following named subjects during these four years, he may take in his later years advanced lines of instruction in one or two of them, to the exclusion in part of the remaining subjects.

At present the student may select his major study in Agronomy, Animal Husbandry, Horticulture, Economic Entomology, Economic

Botany, or Agricultural Chemistry. As these branches of instruction are further subdivided, and others are added to the curriculum in later years, the range of selection will doubtless be increased.

To secure the degree of the College of Agriculture, a student must be able to offer a minimum of 69 credit hours, inclusive of those required in Military Science and Physical Training, in agreement with the requirements of the College of Arts and Science.

The term "credit hour," or briefly a "credit," as used in this College, is defined as the satisfactory completion of a study involving lectures or recitations for one hour per week for one year, or laboratory work for two hours per week for the same period.

Military Science and Physical Training are classed as laboratory work.

Persons excused from Military Science or Physical Training, for disability or any other cause, must offer an equivalent number of credits in some other subjects.

A student must take a sufficient amount of work each year to secure at least 14 credits, and he will not be allowed for the same time more than 18 credits, exclusive of those in Military Science or Physical Training.

COLLEGE OF AGRICULTURE. SCHEDULE OF STUDIES FOR THE DEGREE OF B. S. IN AGRICULTURE.

		FIRST HOUR, 8-9 A. M.	SECOND HOUR. 9-10 A. M.	THIRD HOUR. 10:30-11:30	FOURTH HOUR. 11:30-12:30	FIFTH AND SIXTH HOURS. 1:30-3:30
FRESHMAN	1	English I 3	Math. I 5	Germ. I 3 (M-T. Th.) Hist. I 2 (W. F.)	Physiol. I 3	Drawing I 2 (days by appt.)
	2	English II 3	Math. III 5	Germ. I 2 Hist. I 2 (W. F.)	Chem. I 4. (M. T. W. Th.)	Drawing I 2 (days by appt.) Chem. I Lab. 2
	3	English III 3	Math. III 5	Germ. I 2 Hist. I 2 (W. F.)	Chem. I 3 Botany I lec. 1 (T)	Botany I 3 (days by appt.) Chem. I Lab. 3
SOPHOMORE	1	Zoology IV 2 Soil Physics 3		Physics III 3	Geol. I 2 (M. W.) Botany II lec. 2	Zool. I Lab. 3 (by appt.) Botany II Lab. 3 (by appt.)
	2	Zoology IV 2 Cereals 3	Plant Culture 2	Physics III 2	Geol. I 2 (M. W.) Botany II lec. 2	Plant Cul I (by appt.) Zool. II 3 (M. T. Th. Botany II 3 (by appt.) Cereals I (M.)
	3	Fruit Culture 2	Forage Crops 2	Physics III 2	Geol. I 2 (M. W.) Botany III 2 lec.	Zool. III 3 Botany Lab. III 2 Surveying 2 Fruit Cul. 1
JUNIOR	1	Study of Breeds 3 Entomology I 2	Hort. III 2 Botany IV 3	Botany IV 3	Farm. Equip. 3 Sociol. IV 2	Study of Breeds (Sat.) Farm Equip. 1 (W.) Hort. III 1 (by appt.)
	2	Study of Breeds 2 Entomology III 3	Anim. Nutrition 3		Vet. Science 3 Sociol. IV 2	
	3	Live Stock 3 Entomology III 2	Dairying 2 Botany V 3	Agronomy V 2 Botany V 3 Hort. IV 2	Agronomy IV 3 Sociol IV 2. Expt. Sta. Lit. 3 (by appoint.)	Dairying 3 (W. Th. F.) Bot. VI. lab. 1 or 2 (by appt) Hort. IV Lab. 1 (by appt.)
SENIOR	1	Prin. of Breeding 2	Sociol. IV 2	Econom. V 2 Eng. X 2 (M. F.) Eng. XIX 1 (W.)	Adv. Dairying 2	Prin. of Breeding I (Th.) Agri. Chemistry (by appt.) Entomology IV 3 (by appt.)
	2		Sociol, IV 2 Hort. VI 2	Econom. V 2 Eng. XI 2 (M. F.) Eng. XIX 1 (W.)	Elective	Thesis Entomology V 2 (by appt)
	3		Road Const. 2 Sociol. IV 2 Hort. VI 2	Econom. V 2 Eng. XI 2 (M. F.) Eng. XIX 1 (W.)	Rural Arch 2 Hort. V 1 Lec. (F.)	Thesis Entomology V 3 (by appt.) Hort. V 1 (by appt.)

As previously stated, certain of the subjects placed in the preceding schedule are elective and these are arranged at the beginning of the year by conference with the Dean and with the professor under whom the student takes his major study.

A graduate of the College of Agriculture may become a candidate for the degree of Master of Science in Agriculture by a year of post-graduate study in residence or by three years of study while non-resident. For this purpose he may select any one of the major subjects of his undergraduate course as his major study, and will be assigned one or more minors from collateral courses by the Faculty.

GENERAL OUTLINE OF COURSES.

In addition to the distinctly agricultural subjects which are briefly described below, the student in Agriculture takes a large proportion of his work, particularly in his earlier years, in the subjects included under the College of Arts and Science, many of which are common to several of the colleges of the University.

AGRONOMY

Professor Hooper and Acting Professor Roberts.

SOILS.

I. Fall term required of Sophomores. Lectures M. W. 8. Laboratory F. 8. Three hours per week.

An elementary course covering the nature, origin, function and waste of soils, with special reference to their management in crop production; the chemical, mineral, and physical properties of soil; the influence of air and moisture upon soils; and the objects and methods of tillage.

The principles and practice of farm drainage are considered at some length, and in a less degree, the subject of irrigation.

Text and Reference Books: King's *Physics of Agriculture;* Snyder's *Soils and Fertilizers.*

ADVANCED SOILS.

II. Elective for Juniors or Seniors. Lectures and Collateral reading by appointment. Two hours. Laboratory by appointment. Two hours.

A course covering the physical properties and mechanical analysis of soil; retention and movement of soil moisture.

FARM CROPS, CEREALS.

III. Winter Term. Sophomore. Lectures M. W. 8. Laboratory M. 1:30. Four hours.

A comprehensive study is made of the cereals, with reference to varieties, fertilization, culture, harvesting, uses and marketing. During the laboratory periods considerable attention is given to the judging of corn, and others of the more prominent species.

Text-book: Hunt's *The Cereals in America.*

FARM CROPS.

IV. Spring Term. Junior. Lectures 11:30. Three Hours.

An advanced course covering investigations upon the best methods of crop production, including the study of experimental results with those important Kentucky crops not discussed in Course III.

FARM CROPS, GRASSES AND FORAGE CROPS.

V. Spring Term. Sophomore. Lectures T. Th. 9. Two hours.

In this course the various grasses best adapted to Kentucky conditions are considered with reference to their habit of growth, methods and cost of seeding, effect upon the soil, adaptability to different sections of the State, feeding value, etc. The grass plots upon the Experiment Station farm are among the most complete in this country, and afford valuable illustrative material for this course.

Text-books: Hunt's *Forage Crops;* Voorhees' *Forage Crops.*

FARM EQUIPMENT AND MANAGEMENT.

VI. Fall Term. Junior. Lectures M. W. F. 11:30. Laboratory W. 1:30. Four Hours.

Lectures and practical exercises on the selection and equipment of the farm, the arrangement and plans of farm buildings, and the study of sources of power; of farm engines; farm machinery; water supply, etc.

Text-book: *"Farm Machinery"* by Davidson & Chase.

ANIMAL HUSBANDRY.

Professor Hooper and Instructor Nicholls.

STUDY OF BREEDS AND LIVE-STOCK JUDGING.

I. Fall Term. Junior. Lectures M. W. F. 8. Laboratory Sat. A. M. Four Hours. Winter Term T. Th. 8. Two Hours

In beginning this course the student is made familiar with the various market types of horses, cattle, sheep, and swine. Different points of excellence of the perfect animal are considered. Following this each breed of live stock is discussed with reference to its origin, history, and development, introduction to America and adaptability to Kentucky conditions. Live stock representing the different market and breed types are brought before the class, and this work is supplemented by the use of lantern slides in connection with lectures. Visits are frequently made to the famous stock farms near Lexington, and in December the class visits the International Live-Stock Exposition at Chicago. During the course occasional demonstrations are provided for the purpose of studying the different cuts of meat.

Text-books: Craig's *Judging Live Stock;* Plumb's *Breeds of Farm Animals.*

PRINCIPLES OF BREEDING.

II. Fall Term. Senior. Lectures T. Th. 8. Laboratory Th. 1:30. Three Hours.

The course embraces the study of the principles of breeding, including selection, heredity, atavism, variation, with a presentation of the methods of breeding, in-and-in breeding, cross-breeding, etc., and a historical study of their results. The latter part of the term is devoted to the study of pedigrees of the best individuals in the more popular breeds of horse, cattle, sheep, and swine. The student tabulates the results by means of the registry books of the various breeders' associations.

Reference Works: Davenport's *Breeds and Breeding,* and numerous registry books.

VETERINARY SCIENCE, AND HORSE-SHOEING.

III. Winter Term. Lectures M. W. F. 11:30 Three Hours.

A general course in which the student is made acquainted with the fundamental principles of animal anatomy and physiology, followed by a discussion of the causes, treatment, and methods of preventing the common diseases of horses, cattle, sheep and swine, including also a discussion of veterinary obstetrics. This course is concluded by a discussion of the proper method of shoeing horses, and the treatment of the different ailments of horses' feet. Some time is spent at a local farrier's shop in the study of the proper manner of trimming and shoeing different shaped feet and the use of pads, leather soles, etc.

Text-book: Reynold's *Veterinary Studies.*

ANIMAL NUTRITION.

IV. Winter Term. Junior. Lectures M. W. F. 9. Three Hours.

A comprehensive study is made of the various food-stuffs offered in the local and general markets of the country, and the students are given training in compounding rations for the different animals of the farm. Valuable observations are made in this subject on the farms visited by the students, and the varied experiments in progress on the Experiment Station farm also afford facilities for illustrative purposes.

Text-book: Henry's *Feeds and Feeding* and Smith's *Profitable Feeding.*

LIVE STOCK MANAGEMENT.

V. Spring Term. Juniors. M. W. F. 8. Three Hours.

This course includes a discussion of the proper methods of housing, feeding, and management of the different types of farm animals, the relation of crop rotation and management to the care and profitable handling of live stock, and the different methods of managing animals for specific purposes.

DAIRYING.

VI. Spring Term. Junior. Lectures T. Th. 9. Laboratory W. Th. F. 1:30. Five Hours.

A study of the production, composition and testing of milk, cream separation, pasteurizing and marketing. This is followed

by the study of cream ripening and the manufacture of butter and cheese. A study is made of butter and cheese factory construction. The class-room work is supplemented by practical work in the Dairy laboratory.

Text-books: Van Norman's *Lessons in Dairying.* McKay and Larsen's *Principles of Butter Making.*

ADVANCED DAIRYING.

VII. Fall Term. Senior. Lectures T. Th. 11:30.

The course provides for senior students who desire to specialize along dairy lines. The course consists of lectures, supplemented by collateral reading in Experiment Station and other literature, together with practical laboratory work suggested by the student's readings and his personal interests.

EXPERIMENT STATION LITERATURE.

VIII. Spring Term. Junior. Three Hours by appointment.

This course consists of a study of the results of experiments at the various Agricultural Experiment Stations in the country, as published in their bulletins, relating to the feeding and management of the various classes of domestic animals. Students will be given individual assignments of subjects of this character for the study of results of Station investigations, and will present these reports from time to time to the assembled class for discussion and criticism.

RURAL ARCHITECTURE.

IX. Spring Term. Senior. T. Th. 11:30. Two Hours.

The course includes a discussion of the arrangement, location, construction, and equipment of farm buildings, particularly of stock barns, silos and other structures concerned in the feeding and management of live stock. The numerous fine barns in the vicinity of Lexington afford excellent illustrative material for this work.

HORTICULTURE.

Professor Mathews and Assistant Professor Gilbert.

PRINCIPLES OF PLANT CULTURE.

I. Winter Term. Sophomore. Lectures T. Th. 9. Laboratory by Appointment. Three Hours.

A review of the fundamental activities of plant life with special reference to the growth of farm and garden crops—the plant as influenced by normal and abnormal temperatures; by its supply of water, light, food, etc.; and the effect of parasites, soil conditions, etc. A further study is made of such practical details as propagation, seed selection, transplanting and pruning.

Text and Reference books: Golf's *Plant Culture;* Bailey's *Lessons with Plants;* Bailey's *Nursery Book;* Percival's *Agricultural Botany.*

PRINCIPLES OF FRUIT GROWING.

II. Spring Term. Sophomore. Lectures T. Th. 8. Laboratory one hour by appointment. Two or Three Hours.

A study of the principles and practice of home and commercial fruit-growing. It includes a consideration of the principles involved in location, climatic conditions, orchard plans, planting and management, harvesting, transportation, marketing, cold storage, etc.

Lectures. Text-books: Bailey's *Principle of Fruit Growing;* Goff's *Lessons in Fruit Growing;* Waugh's *Fruit Harvesting, Storing and Marketing;* together with numerous other reference books.

GENERAL POMOLOGY.

III. Fall Term. Junior. Lectures T. Th. 9. Two Hours. Laboratory elective. Hours by appointment. One or two hours.

A study of the origin, history, characteristics, adaptation to Kentucky conditions, and management of orchard and garden fruits. Further consideration is given to harvesting, marketing, cold storage, etc.

Judging and scoring of apples, pears, nuts, and other available fruits.

OLERICULTURE OR VEGETABLE GARDENING.

IV. Spring Term. Lectures T. Th. 10:30. Laboratory by appointment. 1:30. Three or four hours.

A study of the principles of vegetable-growing for home and market, considered with reference to culture in the field, and forcing under glass.

Lectures. Text-books: Bailey's *Principles of Vegetable Gardening;* Green's *Vegetable Gardening.* Numerous books and pamphlets for reference.

THE HOME GROUNDS.

V. Spring Term. Senior. Lectures F. 11:30. Laboratory and field trips. 1:30 by Appointment. Two Hours.

A discussion, largely illustrated by lantern slides, of the arrangement, planting and care of ornamental trees, shrubs and other flowering plants for the adornment of the grounds about the home.

GREENHOUSE CONSTRUCTION AND MANAGEMENT.

VI. Winter and Spring Terms. Junior or Senior. Lecture and Laboratory hours by appointment. Two Hours.

WEATHER FORECASTING.

The Observer of the United States Weather Bureau located at the State University, Mr. G. Harold Noyes, annually gives a number of lectures by appointment to the classes in Agronomy and Horticulture upon the principles underlying weather forecasting, and its utility to the farmer and fruit or truck grower.

ELEMENTARY PHOTOGRAPHY.

Spring Term. Senior. Lecture and Laboratory hours by appointment. Two Hours.

Designed to give a brief survey of the principles involved in photography, and some practice in the manipulation of the camera and other photographic accessories, particularly in connection with scientific studies. Arranged primarily to aid Senior agricultural students in the illustration of their theses, when such illustration is desirable.

BOTANY.

Professor Mathews and Assistant Professor Gilbert.

ELEMENTARY BOTANY.

I. Spring Term. Freshman. Lectures T. 11:30. Laboratory. M. W. F. 1:30. Four Hours.

This course consists of a study of the elements of structural botany and plant physiology, with determination of a number of species of the flowering plants.

During the course participation in one or more trips to neighboring points of botanical interest will be required. Expense 75c to $1.00 each.

Text-books: Bergen and Davis' *Principles of Botany* and *Laboratory Manual.* Reference books: Gray's *Manual of Botany* and Bailey's *Lessons with Plants.*

GENERAL BOTANY.

II. Fall Term. Sophomore. Lectures T. Th. 11:30. Laboratory M. T. Th. or by appointment, 1:30. Five Hours.

Winter Term. Lectures T. Th. 11:30. Laboratory by appointment. Five Hours.

The work of the course comprises a general survey of the morphology and physiology of plants, and is designed to give the student who goes no further with the subject a comprehensive view of the entire vegetable kingdom, while for the student who will continue his botanical study it is intended to afford a substantial basis for more exhaustive special studies. While it is accompanied with lectures and recitations, the laboratory method is the form of instruction principally used, and from the very beginning of his work the pupil is directed to the study of plants themselves, using the text-books as an aid to correct his mistakes and to enlarge his field of view.

Text-books: Bergen and Davis' *Principles of Botany* and *Laboratory Manual.* Reference Works: Campbell's *Evolution of Plants.* Campbell's *Text-book of Botany.* Strasburger's *Text-book of Botany.*

SYSTEMATIC BOTANY.

III. Spring Term. Sophomore. Lectures T. Th. 11:30. Laboratory by appointment. Four Hours.

This course involves practice in the description and identification of the ferns and flowering plants, with special reference to those groups which are of economic importance. As in Course I, one or more field excursions may be required.

Reference books: Bergen and Davis' *Principles of Botany.* Gray's *Manual of Botany* and Gray's *Field, Forest and Garden Botany.*

PLANT HISTOLOGY.

IV. Fall Term. Lectures and Laboratory M. W. F. 9 to 11:30. Three Hours.

The student is given instruction and training in collodion, paraffin and other methods of preparing vegetable tissues for microscopic study. This is accompanied and followed by a study of the slides so prepared.

Text-book: Chamberlain's *Methods in Plant Histology.*

PLANT PHYSIOLOGY AND PATHOLOGY.

V. Spring Term. Lectures and Laboratory work M. W. F. 9 to 11:30. Three Hours.

This course is designed to present the main facts and principles of plant physiology, and to take up briefly by the aid of collected specimens and greenhouse materials, a study of some of the more important diseases of plants, with a discussion of remedies.

THE PLANT KINGDOM.

VI. Junior or Senior. Lectures T., Th., 11:30. Laboratory 1:30 by appointment. Three or four hours.

A general course which is arranged primarily for classical students, hence more fully outlined under College of Arts and Science.

AGRICULTURAL CHEMISTRY.

Professors Tuttle and Maxson.

AGRICULTURAL ANALYSIS.

I. Winter Term. By appointment. Eight or more laboratory hours per week. Elective. Junior or Senior.

This course in quantitative analysis is arranged primarily for students of Agriculture. The elements of quantitative analysis are studied with special reference to the constituents of soils, fertilizers and agricultural products.

Prerequisite: Elementary inorganic chemistry of the Freshman year and the qualitative analysis of the first term Sophomore. See courses in Chemistry in College of Arts and Science.

ENTOMOLOGY.

Miss McCann.

GENERAL ENTOMOLOGY.

I. Fall Term. T. Th. Two hours.

An elementary course comprising a study of the characteristics of the orders, sub-orders, and important families of insects.

ECONOMIC ENTOMOLOGY.

II. Winter Term. M. W. F. 8. Three hours. Spring Term. T. Th. 8. Two hours.

A course designed to familiarize the agricultural student with the more important noxious insects and with the methods of combating them.

Advanced courses III (Advanced Economic Entomology), IV (Life-histories), VI (Systematic Entomology), in the department of Entomology in the College of Arts and Science, are open as electives to Agricultural students who have taken I and II.

RURAL ENGINEERING.

Professor Rowe and Assistant Professor Terrill.

LAND SURVEYING.

I. Spring Term. Sophomore. W. F. Laboratory 1:30. Two hours.

An elementary course in land surveying methods and the use of surveying instruments, with recitations, lectures and field work. The field work affords practice in the use of chain, tape, compass, transit and level.

ROADS.

II. Spring Term. Junior or Senior. Lectures 9 T. Th. Two hours.

Highways and highway construction. Road Material, Macadam Roads, Sand Clay Roads, Gravel Roads. Specifications for roads. Recitations, assigned readings and report.

Other courses in the School of Civil Engineering are offered elsewhere in this catalogue.

THE TWO YEARS' COURSE IN AGRICULTURE.

While it is felt that the four years' course in Agriculture is none too long a course of preparation for those who expect to engage in agricultural pursuits, it is clearly recognized that there are many young men whose circumstances make it impossible for them to devote to their education as large an amount of time or money as is involved in the completion of a full college course.

It is believed that an earnest young man who desires to excel in his chosen occupation of farming may be greatly benefited by a less extended training in the Agricultural College.

Applicants for admission to this course must be at least eighteen years of age, and unless more than twenty-one years of age, must pass an examination in Arithmetic, Geography, Grammar, and United States History, or bring High School or other satisfactory certificates for these branches.

Applicants who are over twenty-one, are admitted without examination, on trial, provided they can write a creditable letter, can carry on ordinary arithmetical operations, and give evidence by

their credentials and personal bearing, of having a serious purpose in entering the course.

It should be clearly understood that this shorter course does not lead to a degree, and no study taken in pursuing this course will be afterwards credited toward the full course leading to a degree, except with the approval of the College Faculty.

The two years' course is of necessity a somewhat flexible one, varying with the preparation of the individual student, but the following schedule is given to show approximately what will be assigned to the average student.

The conditions relating to matriculation, fees, military drill, gymnasium practice, and other college privileges and duties are the same as those pertaining to full course students.

It is coming to be seen by all intelligent people that success in farming, as in any other occupation, can come only as a result of a clear, definite knowledge of the subject. Such knowledge may come partly through long personal experience, often a costly method of obtaining it; much of it through an intelligent use of the agricultural press, and through attendance upon farmers' institutes and other means of information.

It is believed that a young man can get much valuable acquaintance with the principles and application of Agricultural Science more easily and with less expense at an agricultural college than by his experience on the farm alone.

In accordance with this belief, and to meet the needs of young men who for any reason cannot take the more extended courses, the College has for several years been conducting

THE SHORT WINTER COURSE IN AGRICULTURE.

This course begins in the first week of January of each year and extends through a period of ten weeks, thus coming at a time when the farmers' sons can most easily be spared from service at home. It emphasizes the practical and business aspects of farming as a means of livelihood and is aimed to meet the needs of young men, either farmers or farmers' sons, who wish to secure a more thorough preparation for their life-work, and is designed to give instruction of the most helpful and practical kind possible.

As it aims primarily to aid the young man upon the business side of farming, not especially in the direction of academic scholar-

ship, there are no examinations for admission as in the longer courses. The applicant, however, must be at least seventeen years of age, and it is essential that he should have a good common school education, and the more thorough and extensive his general education has been, the more benefit he will derive from the course. It is particularly important that he should have had good training in English and Arithmetic, as short course students are sometimes seriously handicapped by their deficiencies in these subjects.

Tuition is free to residents of Kentucky. Non residents pay a nominal fee of $5.00 for matriculation.

Persons interested in this course should write for the *Short Course Circular* which will be sent, upon application to the Dean, College of Agriculture, State University, Lexington, Ky.

TWO YEARS' AGRICULTURAL COURSE.

		First Hour 8-9	Second Hour 9-10	Third Hour 10:30-11:30	Fourth Hour 11:30-12:30	Afternoon 1:30-3:30
First Year	1	Soil Physics 3 Zoology IV 2	Elemen. Botany 2	English 3 Elemen. Botany 2	Farm Equipment 3	Farm Equipment (W) Drawing 2 (by appt.) Zoology 3
	2	Cereals 3 Zoology IV 2	Plant Culture 2	English 3	Chemistry 4 (M. T. W. Th.)	Chemistry 2 Drawing 2 Zoology 3
	3	Fruit Culture 2	Forage Crops 2	English 3 Botany I lec. 1 (T)	Chemistry 3	Botany I 3 (by appt.) Chemistry 3
Second Year	1	Study of Breeds 3 Entomology I 2	Pomology 2	Economics V 2	Botany 3 Physiology 3	Study of Breeds (Sat.) Botany 3
	2	Entomology I 3	Animal Nutrition 3	Economics V 2 Dairying 3	Veterinary Science 3	Dairy Lab. 2 Wood Work 3
	3	Live Stock Management 3 Entomology II 2	Road Construction 2	Economics V 2	Home Grounds 1 lec. (F.) Animal Nutrition 3 Rural Architecture 2	Dairy 3 (W. Th. F.) Home Grounds 1 (by appt.)

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays; except as indicated.

COLLEGE OF CIVIL ENGINEERING

FACULTY AND ASSISTANTS

JAMES KENNEDY PATTERSON, Ph. D., LL. D., President.

WALTER ELLSWORTH ROWE, C. E.,
Dean, Professor of Civil Engineering.

JAMES GARRARD WHITE, A. M.,
Professor of Mathematics and Astronomy.

MERRY LEWIS PENCE, M. S.,
Professor of Physics.

FRANKLIN E. TUTTLE, Ph. D.,
Professor of Chemistry.

ALEXANDER ST. CLAIR MACKENZIE, M. A., F. R. S. L.,
Professor of English Language and Literature.

ARTHUR McQUISTON MILLER, A. M.,
Professor of Geology and Zoology.

LEON KAUFMAN FRANKEL, M. E.,
Professor of Mechanics.

WILLIAM JOSEPH CARREL, C. E.,
Assistant Professor of Civil Engineering.

ROBERT CRAIG TERRELL, C. E.,
Assistant Professor of Rural Engineering.

RALPH NELSON MAXSON, Ph. D.,
Professor of Chemistry.

JOSEPH MORTON DAVIS, A. B., B. S.,
Assistant Professor of Mathematics.

WILLIAM SNYDER WEBB, M. S.,
Assistant Professor of Physics.

PHILIP WORTHINGTON CORBUSIER, 1st Lieut., U. S. A.

ELIJAH LATHAM REES, C. E.,
Assistant in Mathematics.

LEO LOGAN LEWIS, B. M. E.,
Instructor in Drawing.

CHARLES EDGAR SCHOENE, B. M. E.,
Instructor in Descriptive Geometry.

HAROLD HARDESTY DOWNING, B. C. E.,
Instructor in Surveying.

W. WALTER H. MUSTAINE, B. S.,
Professor of Physical Training.

COLLEGE OF CIVIL ENGINEERING

Professor Rowe, Assistant Professors Carrel and Terrell.

The College of Civil Engineering was organized September, 1887, and has had a steady and uninterrupted growth from the beginning.

The home of the College of Civil Engineering will be in the new Civil Engineering and Physics Building, which is nearing completion. This building is a large three-story brick, trimmed with cut stone, and has a floor area of about forty thousand square feet. The lecture rooms, laboratories, and offices are located in this building. With the increased facilities for doing work, the College of Civil Engineering will be able to greatly increase the quantity and quality of its work, as well as to better organize the department.

The Transit.—For the past four years the students of the College of Civil Engineering have published the "Transit," a monthly University magazine. This publication has filled a great need at the University.

The Brooks Engineering Society, named in honor of the former Dean of the College, is a flourishing organization and gives abundant opportunity for the discussion of general and special engineering topics.

EQUIPMENT.

The field and office equipment belonging to the department consists of nine transits, five engineers' levels, two solar attachments, one needle compass, one plane table, one precise pantograph, one planimeter, one Thatcher computing machine, one set of splines, six hand levels, one sextant, one aneroid barometer, one cement testing machine, one set of railroad curves, level rods, cross-section rods, tapes, flags, and minor accessories.

LIBRARY.

The library for the use of engineering students contains a well selected supply of standard literature and periodicals pertaining

especially to engineering, and to this library numerous additions are made yearly.

AIMS.

The Course of Civil Engineering is planned to give the student a knowledge of the subjects necessary to enable the civil engineer to develop himself into a skillful practitioner of his profession in any of its branches. So far as possible, the importance of each subject taught is illustrated by its application to some work similar to that which is met with in actual practice. An effort is made to make the course valuable, not only for the professional uses, but also from an educational standpoint; therefore, while the student is learning each subject, both theoretically and practically, the training of his mind as well as the needs of the profession are kept in view. In addition to the purely technical matters included in the course, provision is made for the study of English, Mathematics, Physics, Chemistry, Geology, History, and Economics.

DEGREES.

The courses of study in Civil Engineering lead to the degree of B. C. E. (Bachelor of Civil Engineering).

The advanced degree of C. E. (Civil Engineer) may be granted to a resident student in one year from the date of taking the B. C. E. degree from the State University of Kentucky, or any other institution of equal requirements, provided the work assigned has been satisfactorily completed, the required examinations passed, and an acceptable thesis presented.

The advanced degree of C. E. (Civil Engineer) may also be granted to a non-resident student, who is a graduate of the State University of Kentucky, three years after graduation, if the candidate has been engaged in practical engineering work during that time, passes the required examinations, and presents an acceptable thesis.

COURSE OF STUDY.

Professor Rowe, Assistant Professors Carrel and Terrell.

I.—DRAWING.

a. Geometrical Problems. Detail and dimension drawing, pen topography, free-hand and mechanical lettering.

b. DESCRIPTIVE GEOMETRY. A study of the representation of lines, planes, surfaces, shades, shadows, and perspectives. Lectures recitations, drawings, and assigned problems.

c. STEREOTOMY. Plane-sided surfaces, structures containing developable surfaces, structures containing double curved surfaces.

II.—SURVEYING AND GEODESY.

a. LAND SURVEYING. An elementary course in land-surveying methods and the use of surveying instruments, with recitations, lectures and field work. The field work affords practice in the use of chain, tape, compass, transit, and level.

b. TOPOGRAPHICAL SURVEYING. The use of the hand level, the theory and use of the stadia and other instruments employed in making a topographical survey are studied; also the methods of topographic surveying. A complete topographic survey is made based on a system of triangulation, including the calculations, and completing as well as platting the map.

c. GEODESY. Base-line measurements, measurements of angles, horizontal and vertical; field methods for time, latitude, longitude, and azimuth. Students are required to make and reduce observations illustrating the work of the course.

III.—APPLIED MECHANICS AND HYDRAULICS.

a. ELEMENTARY STRENGTH OF MATERIALS.—Elastic and ultimate strength; general properties; moments for beams; cantilever and simple beams; columns and struts; the torsion of shafts; elastic deformations; resilience of materials; reinforced concrete.

b. ELEMENTARY MECHANICS. Concurrent forces; parallel forces; center of gravity; resistance and work; simple machines; gravity and motion; inertia and rotation.

c. ADVANCED STRENGTH OF MATERIALS. A study of the principles and applications to engineering of the mechanics of solids, as related to the mutual actions, motions, pressures, strength, stiffness, and resilience of the members of structures and machines.

d. ANALYTICAL MECHANICS. Statics of a material point; statics of a rigid body; statics of flexible cords; rectilinear motion of a material point; curvilinear motion of a material point; moment of inertia; dynamics of a rigid body; work, energy, power, and friction.

e. HYDRAULICS. This course consists of text-book exercises to-

gether with the solution of numerous problems covering the principles of hydrostatics and hydrodynamic pressure, the flow of water through orifices and nozzles, over weirs and through pipes and open channels, also the loss from friction and other sources.

f. Irrigation and Drainage. Grades, cross-section and capacity of canals; surveys, design of structures, dams, conduits, levees, etc. Lectures, readings, and collateral reports.

g. Material Laboratory. Testing of wood, iron, steel, and cement. This course is given in connection with strength of materials.

h. Hydraulic Laboratory. Experimental hydraulics. Lectures, computations, and drawings.

IV.—MUNICIPAL AND SANITARY ENGINEERING.

a. Water Supply and Waterworks Design. Requisites of supply; sources of supply; rainfall; surface water; rivers and lakes; ground water; gravity systems; pumping systems; dams and embankments; purification of water; pumping and pumping engines; designing, construction, maintenance.

b. Sanitary Engineering. Sewerage systems, separate and combined; hydraulics of sewers; determination of size and capacity; surveys for drainage systems; design of system in detail; specifications and estimate of cost; inspection of work; methods of disposal; irrigation; filtration; chemical precipitation; bacteriolithic methods; house drainage, garbage disposal.

c. Sanitary Design. This course consists of the study and preparation of maps, profiles, detail of manholes, flush tanks, catch-basins, and all other details necessary to make up a complete design for the collection and purification of sewage.

d. Highway Engineering. Location of country roads; earthwork; drainage and culverts; bridges; retaining walls; reconstruction and improvement of country roads; maintenance; staking out the work; specifications and contracts; implements and prices.

e. Streets and Pavements. Pavements; material employed in the construction of pavements; resistance to traction. Lectures, assigned readings, and reports.

V.—RAILWAY ENGINEERING.

a. Railroad Curves. An elementary course in the theory of railway curves, with sufficient field practice to give familiarity with field methods.

b. RAILWAY LOCATION. This course consists of the study of economic methods of railway location together with the actual location of a railway line several miles in length, including reconnaissance, preliminary survey, topography, maps, projecting the location, making approximate estimates and final location.

c. RAILWAY CONSTRUCTION. The work in construction will consist of lectures, recitations, and assigned readings in connection with office and field work, including cross-sectioning, calculation of quantities, haul, monthly and final estimate. A complete estimate of quantities and cost of line will be made.

d. RAILWAY MAINTENANCE. Construction and maintenance of track and accessory structures. The improvement of gradient and alignment. The design and maintenance of yards and terminals. Lectures, recitations, and assigned readings.

e. ECONOMICS OF RAILWAY OPERATION. Organization. Relation of management and operation departments to construction and maintenance departments. Block signaling and interlocking. Rapid transit. Employment, education and discipline of force. Accounts and accounting. Reports. Betterments.

VI.—BRIDGE ENGINEERING.

a. STRUCTURAL DRAFTING. The work in structural drafting consists of fifteen plates of structural details. This course is completed before any other work of a structural nature is undertaken.

b. BRIDGE STRESSES. This course is the analytical method of finding stresses in roof and bridge trusses and consists of the following: roof trusses, bridge trusses under live and dead loads, final stresses for bridge trusses, American Bridge trusses, bridge bracing members and floors.

c. BRIDGE STRESSES. Graphic method. Principles and methods, roof trusses, bridge trusses, locomotive wheel loads, trusses with broken cords, miscellaneous trusses.

d. STRUCTURAL DETAILS. Methods of proportioning individual members of framed structures, and the design of joints and splices in steel and wooden structures; design of a roof truss and a railway plate girder bridge; practice in making complete shop drawings.

e. METAL CONSTRUCTION. The study and design of mill buildings are taken up and also the study of railroad trestles, mine structures, grain elevators, towers, tanks, etc.

f. Bridge Design. Theory and design of steel structures; including a complete design for highway and railway bridges.

VII.—CONSTRUCTION.

a. Tunneling. A study of the principles of tunneling, and of the methods employed in constructing some of the noted tunnels.

b. Masonry Construction. Properties of stone, brick, cement and concrete, and their uses in engineering structures. Foundations, retaining walls, piers and abutments, dams and chimneys, the design of masonry structures including arches, dams, and the application of the principles of Descriptive Geometry to problems in stone cutting.

c. Reinforced Concrete. Determination of forms and porportions. Lectures, recitations, computations, and drawings. Design of columns, beams, and also a complete design of an arch of reinforced concrete construction, including its abutments and centering

d. Cement Testing and Handling. In this course students are given cement testing and also actual practice in handling cement in making walks, curbs, foundations, hollow block, and reinforced slabs.

VIII.—LAW OF CONTRACTS, SPECIFICATIONS AND THESIS.

a. Contracts. Offer and acceptance; consideration; contracts under seal; assignments; joint and several contracts; the statute of frauds; conditions; impossibility; illegality; discharge of contracts.

b. Specifications. A detailed study of various specifications. The student will be required to write several specifications.

c. Thesis. The object of the thesis is to determine the student's ability to enter upon a course of independent investigation and thus to apply some of the fundamental principles.

I.—ARCHITECTURE.

a. Wood Construction. Study of columns, beams, girders, of wood and metal. Solution of examples. Wood and its uses in construction and decoration, defects and modes of protection from decay. Construction and design of wooden floors, walls, ceilings, roofs and joinery, doors, windows, stairs, etc.

b. Architectural Perspective. This work consists of problems in angular, parallel, vertical and curvilinear perspective, as well as in perspective shades and shadows.

c. MASONRY AND METAL CONSTRUCTION. Foundations of stone, brick, concrete, and piles. Materials employed in stone masonry, uses, defects, qualities and mode of preparation. Stone cutting. Brick masonry. Special properties and value of metal in a structure

d. REQUIREMENTS AND PLANNING OF BUILDINGS. Necessary requirements to be considered in planning schools, churches, libraries, theaters, hospitals, and other usual types of buildings. Problems in planning are given.

e. HISTORY OF ARCHITECTURE. This course continues throughout the year beginning with Egyptian and ending with modern architecture. A careful study is made of the more important styles. Especial attention is given to ideas useful or suggestive in American work. Recitations, illustrated lectures and assigned readings.

f. SANITARY CONSTRUCTION. Design for special problems. Plumbing; water-closets; baths; urinals; etc. Sewerage disposal; water supply. Recitations, assigned readings and lectures.

g. GRAPHIC STATICS AND ROOF-TRUSS DESIGN. Forces, equilibrium, reactions, moments, bending moments, and shear on beams. Design of wooden and metallic roof trusses.

h. WORKING DRAWINGS. Conventional methods for representing the different parts of buldings in general and in detail. Systems of lettering and figuring drawings; working drawings, tracings, drawings for reproduction.

i. ARCHITECTURAL DRAWINGS. Continuation of the study of Graphic Statics with the application to the analysis of metallic roofs of wide span. Roof trusses of unusual form. The strength of walls, dams, retaining walls and large chimneys is investigated, also the effect of moving loads on girders and the construction and details of steel skeleton buildings. Working Drawings.

j. HEATING AND VENTILATING. Different systems of heating by furnaces, hot water and steam systems are studied in detail. Requirements for good ventilation. Blower systems of heating. Automatic regulation. Plans and Specifications.

k. HISTORY AND CRITICISM OF ART. A course of illustrated lectures, supplemented by readings, devoted to a critical analysis of the development of beauty through the historical period.

l. ARCHITECTURAL ENGINEERING. Readings, reports and discussions of correct literature pertaining to architectural construction.

m. Superintendence, Estimates, and Specifications. Duties of superintendent, his relation to architect, owner and contractor. Various methods of making estimates. A study of specifications is first taken up and then several sets of specifications are written.

n. Thesis. Subject assigned and the preliminary work on thesis must be commenced during the first term of the senior year.

COURSES FOR GRADUATES.

a.—Railway Location and Construction.
b.—Yards and Terminals.
c.—Motive Power and Rolling Stock
d.—Railway Operation and Management.
e.—Metallic Arches.
f.—Bridge Design.
g.—Reinforced Concrete.
h.—Water Power Development.
i. Engineering Jurisprudence.

ADVANCED DEGREES.

For the degree of C. E. a major study must be selected from Railway Location and Construction, Yards and Terminals, Motive Power and Rolling Stock, Railway Operations and Management, Metallic Arches, Bridge Design, Reinforced Concrete, Water Power Development, Engineering Jurisprudence, Municipal or Mining Engineering; and minor studies will be assigned from Mathematics, Astronomy, Mechanical Engineering, Geology, Chemistry, Physics, Political Economy, English, French and German.

SCHEDULE OF STUDIES FOR THE DEGREE OF BACHELOR OF CIVIL ENGINEERING.

Year	Term	First Hour. 8-9 a. m.	Second Hour. 9-10 a. m.	Third Hour. 10:30-11:30 a.m.	Fourth Hour. 11:30-12:30 a.m.	Afternoon 1:30-3:30 p.m.	Afternoon 3:30-4:30 p.m.	Saturday. 9-12 a.m.
Freshman	1	English 3 Drawing 2	Trigonometry 5	Physics 2 El. St. Mater. 3	Chemistry 3 Drawing 2	Physics Lab. 2 Drawing 3	Drill	Drawing
	5	English 3 El. Mechanics 2	College Algebra 5	Physics 3 Surveying 2	Chemistry 2 Drawing 3	Chem. Lab. 2 Physics Lab. 2	Drill	Drawing
	3	English 3 El. Mechanics 2	College Algebra 5	Physics 3 Surveying 2	Chemistry 2 Drawing 3	Chem. Lab. 3 Physics Lab. 2	Drill	Field Work
Sophomore	1	Roof-truss Design 5	Adv. Physics 3 R. R. Location 2	Higher Surveying 5	Analytical Geometry 5	Chem. Lab. 4 Field Work 1	Drill	Field Work
	2	Descriptive Geometry 5	Adv. Physics 3	Calculus 5	Analytical Geometry 5	R. R. Curves Office Work	Drill	Descriptive Geometry
	3	Descriptive Geometry 5	Adv. Physics 3	Calculus 5	Analytical Geometry 5	Field Work 5 Des. Geom. 2	Drill	Field Work
Junior	1	Hydraulics 2 Brdg. Stresses 3	Mechanics of Materials 5	Calculus 5	Structural Drafting 5	Topographic Field Work 5	Drill	Cement Testing
	2	Brdg. Stresses 5	Analytical Mechanics 5	R. R. Spiral 2	Sph. Trig. 3 Econ. Geology 2	Graph. Statics 3 Assaying 2	Drill	Assaying
	3	Mason. Dams 5 Retaining Walls	Analytical Mechanics 5	Railway Construction 5	Econ. Beology 2 Metallurgy 3	Railroad Field Work 3	Drill	Railroad Field Work
Senior	1	Reinforced Concrete 2 Geodesy 3	History 5	R. R. Mainte. 2 Eng. XIX 1 W. Brdg. Design 2	Masonry Construction 3	Bridge Design	Law of Contracts 3	Bridge Design
	2	Water Supply 2 Tunneling 3	Economics 5	Sanitary Eng. 3 R. R. Opera'n 2 Eng. XIX 1 W.	Roads, Streets, Pavements 3	Bridge Design	Law of Real Estate 3	Sewer Design
	3	Hydraulic Machinery 5	Thesis	Specifications 5 Eng. XIX 1 W.	Thesis	Hydraulic Design	Thesis	Thesis

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays.

RURAL AND HIGHWAY ENGINEERING

Professor Rowe and Assistant Professor Terrell.

At the regular semi-annual meeting of the Board of Trustees of the State University of Kentucky, in June, 1908, a course of study in Rural and Highway Engineering was provided for. The primary object of this course is to provide instruction for young men along useful lines of engineering usually neglected or little emphasized in our universities.

In order to encourage young men to take the course as outlined for rural and highway engineering two free scholarships are granted to each county in the State. These scholarships are awarded by the Fiscal Courts of the respective counties. Appointments to the course are made prior to the first day of September and are good only for the course of study specified, viz: Rural and Highway Engineering.

ADMISSION.

Applicants for admission to the regular four years' course of instruction leading to the degree of Bachelor of Civil Engineering (B. C. E.) in Rural and Highway Engineering, unless graduates of accredited high schools or other institutions recognized by the University, will be examined upon the subjects set forth in the list of requirements for admission and published elsewhere in this catalogue, and will be admitted on the same conditions as matriculates of other courses of study in the University. Applicants for admission to the short course in Rural and Highway Engineering will be required to have a good knowledge of English, Arithmetic, Elementary Algebra, Elementary Physics, Plane Geometry. Students taking the short course will not be considered as candidates for a degree.

APPOINTMENTS.

Each county in the State is entitled to two free scholarships in the College of Civil Engineering for the purpose of taking the course in Rural and Highway Engineering. An appointment to one of these scholarships entitles the holder thereof to free tuition in Rural and Highway Engineering but to no other fees, nor does it give traveling expenses or dormitory privileges.

Students desiring to secure one of these appointments should make application to the County Judge of their respecives counties, stating their educational qualifications and whether or not they desire the appointment for the regular four years' course or for the short course.

AIMS.

The great object of both the four years course and the short course is to educate young men who, after receiving this special training at the University, will take up some line of constructive engineering which will result in better roads, bridges and farm structures for the country and better streets and sanitary conditions for the towns and cities of the commonwealth.

COURSE OF STUDY.

I.—HIGHWAY ENGINEERING.

a. HIGHWAY LOCATION. Principles and methods followed in locating highways. Location of several miles of road.

b. HIGHWAY CONSTRUCTION. *Method of construction, materials to* be used and how to use them. Determining the size and kind of culverts, bridges and other openings in roadways. Methods of determining the final quantities.

c. HIGHWAY MAINTENANCE. A study of the best methods to be followed in maintaining and keeping highways and bridges in good repair. Lectures, assigned readings, and reports. Inspection of roads in the vicinity of the University.

d. ROAD MACHINERY. A study of the various types of machines useful in the construction of roads. Rock crushers, road rollers, road wagons, road drags, and any other machines of value in road construction.

II.—DRAWING.

a. MECHANICAL DRAWING. Geometrical Drawing, Geometrical problems, detail and dimension drawing. Pen topography, freehand and mechanical lettering.

b. DESCRIPTIVE GEOMETRY. A study of the representation of lines, planes, surfaces, shades, shadows and perspective. Lectures, recitations, drawings, and assigned problems.

c. FRAMED STRUCTURES. Design of dwelling houses, and other framed structures, together with plans and specifications and estimate of probable cost.

III.—SURVEYING.

a. LAND SURVEYING. An elementary course in land surveying methods and the use of surveying instruments, with recitations, lectures and field work. The field work affords practice in the use of chain, tape, compass, transit, and level.

b. TOPOGRAPHICAL SURVEYING. The use of the hand level, the theory and practice of stadia and other instruments employed in making a topographical survey are studied; also the method of topographical surveying. A complete topographical survey is made based on a system of triangulation including the calculations and completing a topographical map.

c. GEODESY. Base line measurements, measurements of angles, horizontal and vertical; field methods for time, latitude, longitude and azimuth. Students are required to make and reduce observations illustrating the work of the course.

IV.—CEMENT AND ITS USE.

a. A study of the properties and uses of cement in making walks, curbs, building blocks, silos, fence posts, and general farm dwellings. Lectures and laboratory practice.

b. CEMENT TESTING. Testing for various samples of cement for tension and compression.

c. REINFORCED CONCRETE. Determination of forms and proportions. Lectures, recitations, computations and drawings. Design of columns, beams and also the complete design of a reinforced concrete arch, including its abutment and centering.

d. MASONRY CONSTRUCTION. Properties of stone, brick, cement and concrete, and their uses in engineering structures, foundations and retaining walls.

V.—APPLIED MECHANICS AND HYDRAULICS.

a. ELEMENTARY MECHANICS. Concurrent forces; parallel forces; center of gravity; resistance and work; simple machines; gravity and motion; inertia and rotation.

b. ELEMENTARY STRENGTH OF MATERIALS. Elastic and ultimate strength; general properties; moments for beams; cantalever and simple beams; columns and struts; the torsion of shafts; elastic deformation; resilience of materials; reinforced concrete.

c. ADVANCED STRENGTH OF MATERIALS. A study of the principles and applications to engineering of the mechanics of solids, as

related to the mutual actions, motions, pressures, strength, stiffness, and resilience of the members of structures and machines.

d. ANALYTICAL MECHANICS. Statics of a material point; statics of a rigid body; statics of flexible cords; rectilinear motion of a material point; curvilinear motion; moment of inertia; dynamics of a rigid body; work, energy, power, and friction.

e. HYDRAULICS. This course consists of text-book exercises, together with the solution of numerous problems covering the principles of hydrostatics and hydrodymics.

VI.—MUNICIPAL AND SANITARY ENGINEERING.

a. WATER SUPPLY AND WATER WORKS DESIGN. Requisites of supply; sources of supply; rainfall; surface water; rivers and lakes; ground water; gravity systems and pumping systems of waterworks; dams and embankments; purification of water; pumping engines; design, construction, maintenance.

b. SANITARY ENGINEERING. Sewerage Systems, separate and combined; hydraulics of sewers; determination of size and capacity; surveys for drainage system; design of system in detail; specifications and estimate of cost; inspection of work; methods of disposal; irrigation; filtration; chemical precipitation; bacteriolithic methods; house drainingе; garbage disposal.

c. SANITARY DESIGN. This course consists of maps, profiles, details of manholes, flush-tanks, catch-basins and all other details necessary to make up a complete design for collection and purification of sewage.

d. FARM SANITATION. Design for special problems; plumbing, water closets, baths, urinals, sewage disposal, water supply. Recitations, assigned readings, lectures and designs.

e. STREETS AND PAVEMENTS. Pavements; material used in the construction of pavements; resistence to traction. Lectures, assigned readings and reports.

VII.—BRIDGE DESIGN AND CONSTRUCTION.

a. BRIDGE STRESSES. The subject of bridge stresses will be taken up from both an analytical and a graphical standpoint as outlined in the course offered to civil engineering students.

b. BRIDGE DESIGN. Complete designs of various types of steel highway bridges will be made, including the weight and probable cost of structure.

c. REINFORCED CONCRETE BRIDGE DESIGN. A complete design of a reinforced concrete bridge, together with centering and estimate of cost of bridge will be made by each student.

VIII.—LAW OF CONTRACTS AND SPECIFICATIONS.

a. LAW OF CONTRACTS AND SPECIFICATIONS. A short course of the law of contracts as applied in engineering construction will be given. A detailed study of typical contracts and specifications will follow the general instructions given on the law of contracts.

IX.—COMPARATIVE STUDY OF ROAD LAWS AND RECENT ROAD LEGISLATION.

a. COMPARATIVE STUDY OF ROAD LAWS AND ROAD LEGISLATION. This course of study consists of a systematic study of the road laws of the various States.

SCHEDULE OF STUDIES FOR RURAL AND HIGHWAY ENGINEERING.

Year	Term	First Hour. 8-9 a. m.	Second Hour. 9-10 a. m.	Third Hour. 10:30-11:30 a.m.	Fourth Hour. 11:30-12:30 a.m.	1:30-3:30 p.m.	3:30-4:30 p.m.	Saturday. 9-12 a.m.
Freshman	1	English 3 Drawing 2	Trigonometry	Physics 2 Drawing 3	El. Strength of Materials 5	Drawing 5	Drill 4:30-5:30 Gym. 3	Drawing
	2	English 3 El. Mech. 2	Drawing 5	Physics 3 Surveying 2	Road Location 3	Drawing 2 Phys. Lab. 3	Drill 4:30-5:30 Gym. 3	Drawing
	3	English 3 El. Mech. 2	Drawing 5	Physics 3 Surveying 2	Road Construction 5	Drawing 3 Phys. Lab. 2	Drill 4:30-5:30 Gym. 3	Field Work Drawing
Sophomore	1	Drawing 2 Road Law 3	Highway Location 5	Adv. Survey. 2 Field Work 3	Highway Bridges 5	Field Work. 5	Drill Law of Contr'ts 4:30-5:30	Field Work
	2	Streets & Pvmt. Road Law 3	Framed Struct.	Reinforced Concrete 5	Highway Bridges 5	Curves 5	Drill Real Estate 4:30-5:30	Field Work
	3	Sidewalk 1 Construction 5	Retaining Walls 5	Masonry 5	Drawing 5	Field Work 5	Drill Bills, Notes, etc. 4:30-5:30	Field Work

Numerals indicate the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays.

COLLEGE OF MECHANICAL AND ELECTRICAL ENGINEERING

FACULTY AND ASSISTANTS

JAMES KENNEDY PATTERSON, Ph. D., LL. D., President,
Professor of History, Economics, and Metaphysics.

FREDERICK PAUL ANDERSON, M. E., Director,
Professor of Mechanical Engineering.

JAMES GARRARD WHITE, A. M.,
Professor of Mathematics and Astronomy.

ALEXANDER ST. CLAIR MACKENZIE, M. A., F. R. S. L.,
Professor of English and Logic.

MERRY LEWIS PENCE, M. S.,
Professor of Physics.

ALEXANDER MASSEY WILSON, M. E.,
Professor of Electrical Engineering.

LEON KAUFMAN FRANKEL, M. E.,
Professor of Machine Design.

FRANKLIN ELLIOTT TUTTLE, A. M., Ph. D.,
Professor of Chemistry.

CHARLES JOSEPH NORWOOD, M. S.,
Professor of Mining Engineering.

WALTER ELLISWORTH ROWE, C. E.,
Professor of Civil Engineering.

LOUIS EDWARD NOLLAU, M. E.,
Assistant Professor of Mechanical Engineering.

JOSEPH DICKER,
Instructor in Foundry and Forge Shop.

LEO LOGAN LEWIS, B. M. E.,
Instructor in Drawing.

CHARLES EDGAR SCHOENE, B. M. E.,
Instructor in Electrical Laboratory.

MISS ELIZABETH SHELBY KINKEAD,
Lecturer on English Literature.

ARZA LYTLE WILHOITE, B. M. E.,
Instructor in Steam Laboratory.

W. WALTER H. MUSTAINE, B. S.,
Physical Director.

PHILIP WORTHINGTON CORBUSIER, First Lieut., U. S. A.,
Commandant, and Professor of Military Science and Tactics.

GORDON THURMAN,
Engineer and Assistant in Wood Shop.

GEORGE McINTYRE HOWARD,
Assistant in Experimental Laboratory.

JOHN BORN DICKER,
Assistant in Shops.

MRS. ANNA BERRY JONES,
Secretary to the Director.

MECHANICAL AND ELECTRICAL ENGINEERING

Professors Anderson, Wilson, and Frankel.

The successful man of today is one who has an education that has a market value. This applies to all classes of men. The writer, the lawyer, the surgeon, the merchant, or the engineer can measure his value to the world largely by what men are willing to pay for his services. The conception of an education has been greatly modified in recent years. A man is educated who is skilled in doing some useful thing; who manifests an interest in all men engaged in useful work; who is always striving to be more skillful and better informed in his own work. The beauties of art, literature and philosophy do not belong to any class of men. The man who is engaged in productive work should find first that culture that comes from doing his work well, but his happiness and breadth of life will be increased if he finds some of the gems in the world of literature and art.

The technical school is responsible to a large degree for the present status of the science of engineering. Machines today are built by men well versed in the refinements of mechanical engineering. The great industries of this country are continually looking for young men who have a scientific training in the art of machine designing and power transmission. The steam engine presents each year new possibilities, and the evolution in this direction has recently taken shape in the steam turbine. The gas engine is being more widely applied than ever before. The recent development of available water power, and the growth of the interurban railway lines have made new fields of endeavor for the highly trained mechanical engineer.

Kentucky has not been slow to recognize the fact that she must provide for her sons a great school in mechanical and electrical engineering, in order to equip them for a work that offers large opportunities in this age of industrial achievements. For fifteen years the State University of Kentucky has been sending her mechanical and electrical engineers to all parts of the country, where they have achieved great distinction with the largest machine, en-

gine and electrical apparatus building concerns. Kentucky boys have made such a record that there is a demand for State University of Kentucky mechanical and electrical engineers that can not be supplied. In the class of 1906 there were thirty men and there were over one hundred applications for these graduates. There were eleven applicants for State University men to take up teaching work in mechanical and electrical engineering in some of the best known universities in this country. The class of 1907 all secured good positions and all of the thirty-three 1908 graduates, notwithstanding the business depression, have found employment in good engineering positions. No other state in the Union makes such liberal concessions to her young men to gain an education as does Kentucky. A county appointed student not only gets his tuition, matriculation fees and room rent free, but the Legislature has actually provided that he receive his traveling expenses from his home to the college and return. The expenses for any resident of the state, whether he be appointed or not, are reduced to a minimum. Every young Kentuckian should recognize that the state has put at his command the means of obtaining an education in mechanical and electrical engineering that is second to none. He should further appreciate the fact that the state is making provisions that would cost each student at least two hundred dollars a year for tuition should all the expenses of his training be gotten in a school not supported by state or federal aid.

BUILDING AND EQUIPMENT.

Mechanical Hall is the home of the College of Mechanical and Electrical Engineering. It contains thirty thousand square feet of floor area and is admirably adapted for all recitation, lecture, drawing and laboratory work.

The equipment of the department is described briefly as follows: The drawing rooms contain drawing tables and boards to accommodate about one hundred students.

Power is supplied to the shops by a 10-inch by 24-inch Hamilton-Corliss non-condensing engine.

The wood shop contains thirty benches, each with a complete set of bench tools; and twenty-two lathes, each with a complete set of wood-turning tools. Besides these, there are a band saw, a jig saw, two circular saws, a trimmer and a grindstone.

The foundry contains a 30-inch cupola furnace, having a ca-

pacity of a ton of metal per hour, a brass furnace, twelve complete sets of moulder's tools, twelve benches, besides the ladles, flasks, clamps, core oven, pattern rack, and other equipment such as is used in practical foundry operation.

The blacksmith shop is equipped with fifteen down-draft forges. With each forge there is a set of blacksmith tools. A power hammer is available for heavy work.

The machine shop contains seven lathes, two milling machines, one planer, one shaper, two drilling machines, one dry emery grinder, one wet emery grinder, one universal grinding machine, two sensitive drills, twelve vises for bench work in metal, an air compressor, some pneumatic tools, and a small punch and shear.

The tool room is equipped with a varied assortment of such tools and supplies as are used in the shops. In connection with the shops there is a wash-room containing lockers for the accommodations of the students.

There are two separate boiler-houses. One contains a 50-horse-power Babcock and Wilcox boiler and a No. 3 Dean pump. The boiler is used for heating and to supply steam to the Hamilton-Corliss engine, which furnishes power to the shops. The other boiler-house is situated close to the steam laboratory, and a 100-horse-power Babcock and Wilcox boiler has just been installed. This boiler can furnish steam at 200 pounds pressure, and an elaborate equipment for boiler testing has been installed, including induced draft apparatus, barrels and scales for weighing water, and devices for burning oil and gas, as well as coal.

The steam engineering laboratory is equipped with indicators, planimeters, gauges, pyrometers, reducing motion apparatus, scales, micrometers, tachometers, etc. It contains a 40-horse-power Houston, Stanwood and Gamble cross-compound throttling engine, a 10-horse-power Corliss engine, a 25-horse-power Buffalo Forge engine, a 35-horse-power Westinghouse single-acting compound engine, a small slide-valve engine for elementary experimental work in valve setting, a small engine with a Stephenson valve gear, and a 10-horse-power De Laval turbine. There are also two 4-horse-power Fairbanks-Morse gasoline engines with gas attachments, and the necessary auxiliary apparatus for testing.

The addition of an experimental laboratory has recently been completed. One room contains all the testing machines for testing materials of engineering; another contains photometric ap-

paratus, telephone laboratory, and appliances for electrical measurements and testing; the third room contains a 150-horse-power Buffalo Forge tandem compound engine; 200-horse-power Wheeler condenser, which is so arranged that all engines in the main laboratory can be operated condensing. A testing plate has been arranged for bolting down engines and generators for commercial testing; an automobile testing plant has been installed which will take care of the largest automobile built, allowing the same to be run at the maximum speed and power.

The attention that will be paid to automobile engineering in the future is an important element of development.

For work in testing materials of construction there is a 100,000 pound Riehle testing machine, and a Fairbanks-Morse cement-testing equipment. A 200,000 pound Olsen machine is being installed.

For the experimental engineering work in electrical engineering there are a 10 kw., d. c. Edison dynamo, a 9 kw., d. c. motor, a 2-horse-power General Electric induction motor, a 1.5 kw. polyphase dynamo, a Wagner induction motor, d. c. generator set furnishing 3 kw., a potentiometer, a photometer, and several galvanometers, Wheatstone bridges, and other apparatus of the same general character.

There is quite an extensive equipment for pursuing the study of telephony, consisting of a small switchboard containing jacks and drops for both common battery and magneto circuits, built by the American Telephone Company. Then there are a number of subscribers' instruments, some of the American Telephone Company's make, some of the Kellogg Company's, and some of the Western Electric Company's. This equipment is sufficient to enable the students to obtain a comprehensive grasp of some of the advanced problems of telephony.

The aim of the College of Mechanical and Electrical Engineering, as a part of the State University, will be primarily to train young men to be competent to take up the work usually assigned to graduates of engineering schools, either in mechanical or electrical engineering. In addition to this, as opportunity offers, it is expected that students will engage in advanced scientific research pertaining to all the branches of mechanical, electrical and chemical engineering.

COURSE OF STUDY.

The practical work extends over a period of two years, and includes the experience in the wood shop, machine shop, foundry, and forge shop. During this period the class-room work and drawing are preparatory to the theoretical studies taken up during the third and fourth years. The course in Mechanical Engineering, as administered at the State University of Kentucky, may be considered as being divided into three parts, as follows:

1. Mechanical Engineering Proper. Under this heading come the studies of steam engineering practice, the operation and design of gas engines and producers, and the operation and design of manufacturing machinery.

2. Chemical Engineering. This is intended especially for those who will engage in the production of iron and steel, and involves study of the various methods of analysis of iron, steel, coals, fluxes, and refractory substances.

3. Electrical Engineering. This involves the study of the design and operation of electrical apparatus and machinery.

The foregoing is a general classification. Each of the subjects mentioned permits of further subdivision to suit the needs of the student.

DEGREES.

The courses of study in Mechanical and Electrical Engineering all lead to the degree of B. M. E. (Bachelor of Mechanical Engineering). The advanced degree, M. E. (Mechanical Engineer), or E. E. (Electrical Engineer), may be obtained by a resident student in one year after taking the degree B. M. E. from the State University of Kentucky, or any institution of equal requirements, provided he has done the work assigned him satisfactorily, passed his examination, and presented an acceptable thesis.

A non-resident student may obtain the degree of M. E. three years after graduation, if he has been engaged in practical engineering work during that time, passes an examination, and presents an acceptable thesis. At least two years' notice must be given to the Faculty that post-graduate work is to be done, and the work must be approved by the Faculty.

FRESHMAN YEAR.

1. Technical Instruction. Thirty-five weeks, one hour per week. (a) Recitation on the forms of wood-working tools and the

cutting and peculiarities of timber. (b) Lectures on the operation of the various forms of wood-working machinery. (c) Lectures on pattern-making, molding and casting.

2. MECHANICAL AND FREE-HAND DRAWING. Thirty-five weeks, seven and a half hours per week. (a) This drawing includes free-hand sketches, drawing from copies and models, using parts of machines in the Mechanical Laboratories as models. (b) Free-hand lettering. (c) Exercises in tinting and shading. (d) Tracing. (e) Blue-printing.

3. SHOP-WORK. Thirty-five weeks, eleven and a half hours per week. (a) Bench-work in wood, including exercises in the following operations: planing, sawing, rabbeting, plowing, notching, splicing, mortising, tenoning, dovetailing, framing, paneling, and the general use of carpenters' tools. (b) Wood-turning, involving the various principles of lathe-work in wood. (c) Pattern-making, which gives the student experience in the construction of patterns for foundry work. (d) Foundry work, including the various operations of molding, core-making and the melting of iron and brass.

4. ENGLISH. Thirty-five weeks, three hours per week.

5. COLLEGE ALGEBRA. Twenty weeks, five hours per week.

6. TRIGONOMETRY. Fifteen weeks, five hours per week.

7. PHYSICS. Fifteen weeks, two hours per week; twenty weeks, three hours per week.

8. CHEMISTRY. Fifteen weeks, three hours per week; twenty weeks, two hours per week.

SOPHOMORE YEAR.

1. MECHANICAL DRAWING. Fifteen weeks, eight hours per week. (a) Drawing the parts of machines and complete machines to scales. (b) Isometric and Descriptive Geometry problems. (c) Design of machine details.

2. SHOP-WORK. Thirty-one weeks, ten hours per week. (a) Exercises in iron and steel forging. (b) Exercises in vise-work in metal. (c) General machine work; including screw cutting, drilling, planing, and the milling of iron, brass, and steel.

3. SHOP PRACTICE. Fifteen weeks, two hours per week.

4. DESCRIPTIVE GEOMETRY. Twenty weeks, eight hours per week.

5. PHYSICAL LABORATORY. Fifteen weeks, five hours per week.

6. ADVANCED PHYSICS. Fifteen weeks, three hours per week.

7. ANALYTICAL GEOMOTRY. Thirty-five weeks, five hours per week.

8. Surveying. Twenty weeks, two hours per week.

9. Calculus. Twenty weeks, five hours per week.

10. Electricity and Magnetism. Twenty weeks, three hours per week.

11. Field Work in Surveying. Four weeks, ten hours per week.

JUNIOR YEAR.

1. Kinematics. Fifteen weeks, five hours per week. Under this head are studied the velocity ratios in various motions, construction of gears, cams, quick-return motions, and the manner of designing trains of mechanism.

2. Mechanical Drawing. Fifteen weeks, nine hours per week; ten weeks, ten hours per week, and ten weeks, eight hours per week. The work consists of Kinematic Drawing, including spur, bevel, worm and spiral gearing: Design of shop machines, such as lathes, planers, shapers, drills, etc., including an original design by each student of some shop machine complete, with all detail drawings.

3. Analytical Mechanics. Twenty weeks, five hours per week.

4. Strength of Materials. Fifteen weeks, five hours per week.

5. Elements of Electrical Engineering. Fifteen weeks, five hours per week.

6. Graphic Statics. Ten weeks, five hours per week.

7. Calculus. Fifteen weeks, five hours per week.

8. Electrodynamic Machinery. Ten weeks, five hours per week.

9. Theory of Machine Design. Five weeks, five hours per week.

10. Dynamo and Motor Design. Ten weeks, five hours per week.

11. Electrical Design. Ten weeks, five hours per week, and five weeks, five hours per week.

12. Electrical Laboratory. Ten weeks, two hours per week.

13. Chemistry and Gas Analysis. Ten weeks, five hours per week.

14. Flue Gas Analysis. Ten weeks, three hours per week.

15. Chemical Laboratory. Fifteen weeks, four hours per week.

16. Testing of Materials Laboratory. Fifteen weeks, one hour per week.

17. Metallurgy. Ten weeks, two hours per week.

SENIOR YEAR.

1. THERMODYNAMICS. Fifteen weeks, three hours per week. This work consists of a study of the laws of thermodynamics, thermal capacities, and the application of thermodynamics to the steam engine, steam turbine, and gas engine.

2. STEAM BOILERS. Fifteen weeks, two hours per week. A study of the various commercial steam boilers, consumption of fuel, incrustations, determining the horse power of boilers, boiler tests, the design of boilers for efficiency and economy, and the methods of heat transmission.

3. VALVE GEARING. Fifteen weeks, three hours per week. The study of various forms of standard engine valve and methods of designing.

4. HYDRAULICS. Fifteen weeks, two hours per week.

5. ALTERNATING CURRENTS; DYNAMO AND MOTOR DESIGN. Fifteen weeks, five hours per week.

6. ELECTRICAL LABORATORY. Twenty-five weeks, three hours per week.

7. ALTERNATING CURRENTS AND POWER PLANTS. Ten weeks, five hours per week.

8. LOGIC. Thirty-five weeks, two hours per week.

8. HISTORY. Thirty-five weeks, three hours per week.

10. DYNAMOMETERS AND MEASUREMENT OF POWER. Ten weeks, two hours per week.

11. STEAM TURBINES. Ten weeks, three hours per week.

12. VALVE GEAR DESIGN. Ten weeks, eight hours per week, and five weeks, five hours per week. This consists in working out valve gear problems.

13. ENGINE AND MACHINE DESIGNING. Fifteen weeks, five hours per week. A study of the modern methods of designing engines, boilers, and machines.

14. EXPERIMENTAL ENGINEERING. Twenty-five weeks, six hours per week. This includes a study of the steam engine indicator, making engine, boiler, and materials for construction tests, and experimental engineering work in electrical engineering.

15. THEORY AND PRACTICE OF PHOTOGRAPHY. Ten weeks, five hours per week.

16. ELECTRICAL DESIGN. Twenty-five weeks, three hours per week. This consists of drawing-room work, Saturday mornings.

17. Thesis Work. Ten weeks, forty hours per week. Every student, before he attains the degree of B. M. E., must present a satisfactory thesis on some new design of a machine or an original investigation. The greater part of the third term of the Senior year is given to the preparation of this thesis. The subjects for theses are assigned to students by the Dean of the Mechanical and Electrical Engineering Faculty, and the completed theses are kept on file with the college records, that they may serve as a reference for future investigators.

JUNIOR AND SENIOR INSPECTION TRIPS.

Annual trips, for the purpose of inspecting manufacturing and power plants, are taken by the Junior and Senior classes. The Juniors, for several years, have visited Cincinnati, Hamilton, and Dayton. During the last seven years the Seniors have visited Chicago and its vicinity on the annual trip.

During the Spring term, four days are set apart for the Junior trip and six for the Senior. The experiences of these trips are considered to be among the most valuable of the engineer's collegiate life.

SCHEDULE OF STUDIES FOR THE DEGREE ON BACHELOR ON MECHANICAL ENGINEERING

Year		First Hour. 8-9 a. m.	Second Hour. 9-10 a. m.	Third Hour. 10:30-11:30 a.m.	Fourth Hour. 11:30-12:30 a.m.	1:30-3:30 p.m.	3:30-4:30 p.m.	Saturday. 9-12 a.m.
Freshman	1	English 3 Drawing 2	Trigonometry 5	Physics 2 Drawing 3	Chemistry 3 Drawing 2	Wood Shop Bench Lathe	Drill Gym. 4:30-5:30	Wood Shop Drawing
	2	English 3 Drawing 2	College Algebra 5	Physics 3 Drawing 2	Chemistry 2 Drawing 3	Pattern Making and Foundry	Drill Gym. 4:30-5:30	Pattern Making and Drawing
	3	English 3 Drawing 2	College Algebra 5	Physics 3 Drawing 3	Chemistry 2 Drawing 3	Pattern Making and Foundry	Drill Gym. 4:30-5:30	Pattern Making and Drawing
Sophomore	1	Analytical Geometry 5	Adv. Physics 3 Shop Practice 2	Elementary Design 5	Physical Lab. 5	Iron and Steel Forging	Drill Gym. 4:30-5:30	Elementary Design
	2	Analytical Geometry 5	Elec. & Mag. 3 Surveying 2	Calculus 5	Desc. Geom. 5	Machine Shop Work	Drill Gym. 4:30-5:30	Descriptive Geom. Draw.
	3	Analytical Geometry 5	Elec. & Mag. 3 Surveying 2	Calculus 5	Desc. Geom. 5	Machine Shop Work & Sur- veying	Drill Gym. 4:30-5:30	Descriptive Geom. Draw.
Junior	1	Elementary Electricity 5	Mechanics of Materials 5	Calculus 5	Kinematics 5	Kinem. Draw. Chemical Lab.	Drill	Testing of Materials
	2	Analytic Mechanics 5	Electrical Design 5	Chem. and Gas. Analysis 5	Mach. & Elec. Design 5	Machine Des.	Drill	Flue Gas Analysis
	3	Graphical Statics 5	Dyn. and Mot. Design 5	Analytical Mechanics 5	Dyn. Ele. Machinery 3 Metallurgy 2	Machine Des. Elec. Lab. Steam Lab.	Drill	Electrical Design
Senior	1	Thermodyn. 3 Hydraulics 2	History 3 Logic 2	Alter. Cur. and Dyn. Mot. Des. Eng. XIX 1 W.	Valve Gears 3 Steam Boiler 2	Valve Des. and Elec. Lab.	Library	Electrical Design
	3	Altern. Current and Power Plants 5	History 3 Logic 2	Steam Eng. and Pump Design Eng. XIX 1 W.	Dynamo- meters 2 Steam Turbi 3	Valve and Dyn. and Mot. Des.	Library	Electrical Design
	3	Thesis 5	History 3 Logic 2	Photography 4 Eng. XIX 1 W.	Thesis 5	Thesis	Library	Thesis

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays.

COLLEGE OF MINING ENGINEERING

FACULTY AND ASSISTANTS

JAMES KENNEDY PATTERSON, Ph. D., LL. D., Pres.,
Professor of History and Political Economy.

CHARLES JOSEPH NORWOOD, M. S., Dean,
Professor of Mining Engineering and Metallurgy.

HARRY DRAPER EASTON, B. S.,
Assistant Professor of Mining and Metallurgy.

JAMES GARRARD WHITE, A. M.,
Professor of Mathematics.

MERRY LEWIS PENCE, M. S.,
Professor of Physics.

ALEXANDER ST. CLAIR MACKENZIE, M. A.,
Professor of English Language and Literature.

ARTHUR McQUISTON MILLER, A. M.,
Professor of Geology and Mineralogy.

FRANKLIN ELLIOTT TUTTLE, A. M., Ph. D.,
Professor of General Chemistry.

RALPH NELSON MAXSON, Ph D.,
Professor of Inorganic Chemistry.

FREDERICK PAUL ANDERSON, M. E.,
Professor of Mechanical Engineering.

ALEXANDER MASSEY WILSON, M. E.,
Professor of Electrical Engineering.

LEON KAUFMAN FRANKEL, M. E.,
Professor of Machine Design.

WALTER ELLSWORTH ROWE, C. E.,
Professor of Civil Engineering. (Hydraulics.)

RALPH DETWEILER QUICKEL, B. S.,
Instructor in Mining and Assaying.

THOMAS JAMES BARR, B. M. E.,
Instructor in Mining Machinery.

PHILIP WORTHINGTON CORBUSIER, Lieut. U. S. A.,
Professor of Military Science.

MISS ELIZABETH SHELBY KINKEAD,
Lecturer on English Literature.

LOUIS EDWARD NOLLAU, M. E.,
Instructor in Descriptive Geometry.

LEO LOGAN LEWIS, B. M. E.,
Instructor in Drawing and Shopwork.

MINING ENGINEERING.

Professor Norwood, Assistant Professor Easton, and Messrs. Quickel and Barr.

The College of Mining Engineering as at present organized offers three courses in mining, namely:

1. The full course, which extends through four years and leads to the degree of Bachelor of Mining Engineering.

2. A two years' course for young men who for any reason may not be prepared to take the full course, but who desire to obtain more than an elementary training in the methods of mining. Requirements for entrance are less exacting than are those for the full course, just as the range of instruction is less comprehensive. No degree is conferred, but a certificate of proficiency in the studies pursued is given.

3. A short course for practical miners, mine foremen, and mine managers who desire to improve their knowledge of the principles that underlie correct mining. This course, which covers a term of ten weeks, is necessarily given in the spring or summer. For the present it is given during the summer. Details concerning the course are set forth in a special circular. Persons desiring to take the examinations for mine foremen and for Assistant Inspectors of Mines will find the course quite helpful.

BUILDINGS.

In 1907-'08 the University authorities erected a commodious Mining Laboratory. The building is of brick, 40 feet by 80 feet, and two stories high. The first floor is used for instruction in ore dressing and metallurgy; the upper one for assaying and metallurgy. Space is provided on the first floor for the clay-testing kilns of the State Geological Survey, and the chemical laboratory of the Survey occupies part of the second floor. This building constitutes a wing of a building, for which an allotment has been made by the University authorities, which will contain class-rooms, drawing-rooms, offices, etc., for the College, and offices and rooms for records, books, maps, etc., of the State Inspector of Mines and the Geological Survey, together with the State Geological Museum.

At present, rooms in the Natural Science Building are used for instruction and for the State offices and Museum.

EQUIPMENT.

For lecture-room illustrations and demonstrations the equipment includes an excellent electric light stereopticon, and a reflectoscope, with a large number of special slides; many charts, photographs, and blue prints, illustrating mining methods and mining machinery; a working model of a shaft hoist with safety-catches; examples of mining tools; safety lamps of various types; apparatus for instruction in methods of detecting mine gases and testing safety lamps; apparatus for studying dust explosions; and instruments for measuring ventilation. Also a collection of ores and metallurgical products.

The Assay and Metallurgical Laboratory is provided with several gasoline assay furnaces; a plant of gas furnaces; a coke (or charcoal) furnace; crushing, grinding and sampling apparatus, etc.; an Abbe Double Trojan Ball Mill; a Roasting Machine for "barrel chlorination," and apparatus for studying the cyanide and amalgamation processes. A Calorimeter for the study of fuels and a special furnace for testing clays are also at the command of the College. Furnaces and apparatus for the study of smelting processes for copper, iron and lead; the extraction of non-ferrous metals; pyrometry; the heat treatment of iron and steel; and for the study of metallography, will be provided by the beginning of the coming session.

It is intended that the Mining Laboratory shall not only serve the purpose of instruction, but that it shall prove helpful, as a testing laboratory, to those engaged in mining operations in the coal, lead, zinc and spar districts of the State. The present equipment includes a standard, full-sized Wilfley Concentrating Table; a Three-stamp Mill, made by the Allis-Chalmers Company (to whom the School is indebted for generous treatment); a Hallet Hand Jig; a Vezin Jig; a Munroe Laboratory Slime Table; a Munroe Laboratory Classifier; a Dings Electro-Magnetic Separator; a Blake-Morscher Electro-Static Separator; a Campbell Coal-washer; a complete model of the St. Bernard Mining Company's Coal-washery; and a complete ventilating fan and fan-house. The last three were provided through the generosity of Mr. John B. Atkinson, President of the St. Bernard Mining Company, Earling-

ton, Ky. The fan has been so installed that various problems relating to mine ventilation may readily be studied. Through the courtesy of the George D. Whitcomb Company, one of that company's latest type of coal-cutting machines has been deposited with the College, for use in demonstrating the application of compressed air in mining operations.

THE FULL COURSE.

This course is laid out with the design of affording the student a thoroughly good foundation for professional work in Mining, Metallurgy, Assaying and Geology, and of so preparing him that he may readily and quickly assimilate that knowledge of the details of practice which may be gained only through experience. In addition to the technical work relating to Mining, the student has a fairly liberal amount of English, Mathematics, Physics, Chemistry, History, and Logic.

MINING.

The instruction in the special theme of Mining (including both coal and metal) is laid out along a continuous line, each subject being introductory to that which follows, and is given by lectures, supplemented by text-books and special reading. A general statement of the subjects discussed under the head of Mining is given under the appropriate years following.

MINE SURVEYING.

In Mine Surveying, which comes in the Sophomore and Junior years, the application of the art of surveying to the work of mining engineering is emphasized. Following the preliminary instruction and the solution of general problems, the practical applications are taken up, including running outcrop; determining the proper locations of mine opening and tipple; locating buildings, bodies of water and streams with relation to underground workings; bringing branch lines in from main track; carrying meridian into mine; plumbing shafts, surveying entries and rooms, grading mine entry for track, setting out curves, changing distances between room necks with variations of the entry, driving both ways, locating bore-holes for pipes, etc., solving drainage problems, surveying stopes with German dial (string survey) and with transit, construction of mine maps, and sections, etc. Opportunity for

practice in underground surveying is afforded at the coal mines and at the vein mines (lead, zinc, and spar) within short distance from Lexington. The mine maps filed by the various companies with the State Inspector of Mines are at the service of the student for study and comparison.

CHEMISTRY AND METALLURGY.

In Chemistry, preparatory for Metallurgy, three terms of work are given, beginning in the Freshman year. The course for the first term consists of lectures and recitations on general chemistry, together with laboratory work. The following term is devoted to qualitative analysis—determinations of the metals. Quantitative analysis comes in the third term, and is given in the Sophomore year.

In Metallurgy, which begins in the third term of the Sophomore year, five terms of work are taken by the student in mining and metallurgy. In addition, a term of instruction is provided for the student in mechanical engineering, two terms for the student in chemistry, and two for the student in civil engineering. The work in Metallurgy is apportioned thus, the periods indicated being times per week:

METALLURGY I. Elements of Metallurgy, including a general review of typical metallurgical processes. For students in Mining Engineering, Sophomore, 3d term, 3 afternoons. For students in Civil Engineering, Junior 2d term, 4th hour, 3 times.

METALLURGY II. Iron and steel specialized; metallurgical calculations; introduction to the metallurgy of copper. Junior Mining, 1st term, 3 afternoons.

METALLURGY III. Copper concluded; lead and zinc;metallurgical calculations. Junior Mining, 2d term, 3 times.

METALLURGY IV. Silver, gold, and alloys. Introduction to metallography. Junior Mining, 3d term, 3 times, mornings, and lab. 3 times.

METALLURGY V. Other metals. Metallography. Fuel testing. Senior Mining, 1st term, 3 times, mornings, and lab 3 times. Senior, 2d term, lab. 5 times.

METALLURGY VI. Iron and steel. For students in Mechanical Engineering and in Civil Engineering. Junior, 3d term, 4th hour, 2 times.

METALLURGY VII. Elements of Metallurgy, including a general

discussion of processes for the production of iron, steel, copper, lead, zinc, the extraction of the precious metals, etc. For students in Chemistry. Junior, 1st and 2d terms, 2d hour, 3 times.

ASSAYING AND ORE DRESSING.

Assaying is carried on during two terms of the Junior year. Advanced assaying may be taken up during the Senior year.

Ore dressing, which includes the various processes for separating and concentrating ores and other useful minerals, is carried through two terms of the Junior year, and may be continued in the Senior year.

APPLIED ELECTRICITY.

Instruction in Applied Electricty is given in the Junior and Senior years. A full term is given to lectures, in connection with design, on electrical appliances with especial reference to their use in mining operations, including electric haulage, hoisting and pumping machinery, trolley lines, intracommunicating telephones, power generators, installation of electric motors, winding of armatures, etc. A number of afternoons are given to work in the Steam and Electric Laboratory in the study of the care and management of steam and electric machinery and gasoline engines.

ADVANTAGES OF LOCATION.

The State University is exceptionally well situated with reference to the practical study of both coal and metal mining (including lead, zinc and iron), and for the study of metallurgical practice in certain lines, there being within the State numerous coal and metal mines, and several iron and steel metallurgical establishments within easy reach of Lexington. Practical work in concentrating lead ores may be studied at the Gratz and Kissinger mines, in near-by counties. At the Gratz mine the plant includes crushers, jigs, a Huntington mill, and Woodbury concentrators. At the Kissinger mine the plant includes crusher, rolls, Huntington mill, Woodbury concentrators, and a smelter. The latter mine may be reached by trolley line and a short drive. Elaborate lead and zinc concentrating plants may be studied in the western part of the State. Coal washing and coking may be studied at Ashland, where a Robinson washer is used, and at Earlington, where a Campbell plant is in operation. The copper mines of Tennessee, the iron mines of Virginia, Alabama and Tennessee, and the gold mining

regions of Alabama and Georgia, with their accompanying metallurgical plants, may be reached within twenty-four hours or less of travel.

COURSE OF STUDY.

The schedule on a succeeding page exhibits the daily order in which the studies leading to the degree of B. E. M. are given, together with the number of periods per week assigned to each.

The courses are as follows:

FRESHMAN YEAR.

First Term. English, Physics, Trigonometry, Woodwork (Tools and Machinery), Drawing, Shopwork (Bench and Lathe).

Second Term. English, College Algebra, Physics, Chemistry, Drawing.

Third Term. English, College Algebra, Physics, Chemistry of Metals, Drawing.

SOPHOMORE YEAR.

First Term. Analytical Geometry, Advanced Physics, Mine Survey, Elementary Design, Iron and Steel Forging.

Second Term. Analytical Geometry, Electricity and Magnetism, Quantitative Analysis, Calculus, Descriptive Geometry, Mine Surveying and Mapping.

Third Term. Analytical Geometry, Electricty and Magnetism, Calculus, Descriptive Geometry, Elements of Metallurgy, Mine Surveying and Mapping.

JUNIOR YEAR.

Electrical Engineering, First Term; Professor Wilson.

Calculus (concluded), First Term; Professor White.

Strength of Materials, First Term; Professor Frankel.

Metallurgy, Three Terms; Professor Norwood, and Assistant Professor Easton.

Analytical Mechanics, Second and Third Terms; Professor Frankel.

Economic Geology, Second and Third Terms; Professor Miller.

Assaying, Second and Third Terms; Instructor Quickel.

Mineralogy, Second and Third Terms; Professor Miller.

Dynamo-Electric Machinery, Third Term; Professor Wilson.

Mine Surveying, First Term; Assistant Professor Easton.

Mining I. *Introductory, Excavating, Quarrying.* (*a*) Excavation in soft-ground and in rock. (*b*) Explosives and Blasting: Kinds and effects of explosives; theory and practice of blasting; placing, charging, and firing holes under various conditions; substitutes for explosives (*c*) Quarrying: Plants and methods for various sorts of rock; underground quarries. Professor Norwood; Assistant Professor Easton.

Mining II. *Boring, Shaft-Sinking, Shaft-Boring.* (*a*) Boring: Methods with auger, with rods, and with rope; rotary boring; casing; drive piping. (*b*) Shaft-sinking: General principles. Methods in soft-ground and in rock. Hoisting, ventilating, and draining during sinking. Timbering, walling, tubbing, and linings for special cases. Sinking linings in watery ground and in quicksand. (*c*) Shaft-boring: General observations. Various methods described and compared. Assistant Professor Easton.

Mining III. *Development, Methods of Working.* (*a*) Exploration and Development. Choice of exploratory methods—shaft, adit, slope. Location of openings with reference to development. Laying out the workings, and order of exploration. Driving tunnels, drifts, gangways, slopes, levels, cross-cuts. Upraises—vertical and inclined. Winzes—methods of sinking and raising. (*b*) Methods of Working and of Supporting Excavation: General rules as to choice of mode of working away, etc. Breaking ground (1) in coal mining and (2) in metal mining. Support of excavations (1) by pillars of mineral, (2) by timbering, (3) by caving and filling. Methods of working applicable to deposits according to their origin, thickness, inclination, and character. Open cuts and stream workings. Hydraulic mining, Dredging. Assistant Professor Easton.

Mining IV. *Ore and Coal Dressing, Milling, Coal Washing.* General principles and theories. Picking, crushing, theory of mineral separations, sizing, classification, jigging, concentration and concentrators. Coal-washing. Gold and silver milling; stamp and other mills. Amalgamation: Theory and practice; care of mill plates; losses of mercury, etc. Pan amalgamation. "Patent" substitutes for plate amalgamation. Pan assays for free-milling ores, etc. Professor Norwood.

SENIOR YEAR.

History and Political Economy, Two Terms; President Patterson.

Steam Engine and Boilers, First Term; Professor Anderson.
Hydraulics, First Term; Professor Rowe.
Alternating Currents and Power Plants, Second Term; Professor Wilson.

Metallurgy, First Term; Professor Norwood.
Metallurgical and Mining Laboratories, First and Second Terms; Professor Norwood, Instructor Quickel.

Assaying, Second Term; Instructor Quickel.
Mine Plant Design, Second and Third Terms; Assistant Professor Easton.

Thesis Work.

MINING V. *Ore Deposits, Prospecting.* (*a*) Geological Considerations. Origin of Ores. Classification of ore deposits. Irregularities and disturbances of beds and veins. (*b*) Prospecting: Systematic methods. Value of Geology. Tracing outcrops. Construction of sections. Professor Norwood.

MINING VI. *Extraction, Ventilation, etc.* (*a*) Extraction and removal of material: Mine and surface haulage roads; rope and other means of haulage. Hoisting. Drainage. Ventilation: Theoretical considerations; methods of ventilation; distribution of air supply. (*b*) Mine Gases and Illumination. (*c*) Accidents: Causes; places; explosions; safeguards; rescue and relief. Professor Norwood, Assistant Professor Easton.

MINING VII. *Mine Plant.* Machinery and appliances for mining, hoisting, draining, ventilating, hauling, screening, loading, storing, etc. Assistant Professor Easton, Instructor Barr.

MINING VIII. *Examination and Valuation of Mines, etc.* Methods and precautions in examination and valuation. "Salting," concealing exhausted workings, etc. Relation of capital invested to actual dividends. Mine management. Cost sheets. Professor Norwood.

MINING IX. *Mine Visitation.* Opportunity for visiting mines under the guidance of the Dean, or of an Assistant Inspector of Mines, will be given at the close of the term.

The larger part of the third term is devoted to thesis work, subjects for which are assigned by the Dean.

ADVANCED DEGREE.

For the degree of E. M., Ore Dressing, Milling, Coal Mining, Metal Mining, Mine Plant, Metallurgy, or Electricity Applied to Mining, may be selected as major study; and minor studies may be assigned from Civil Engineering, Mechanical Engineering, Electrical Engineering, Geology, Chemistry, Physics, Mathematics, Political Economy, Sociology, English, French, and German.

THE TWO YEARS' COURSE.

This course is intended for those who for any reason cannot take the Full (Engineer's) Course of four years, and especially for persons who desire to fit themselves for such positions as Mine Manager, Mine Superintendent, Assistant Engineer, and Assistant Mine Inspector; also for those to whom a knowledge of mining will be of service in business or professional dealings even though they should not be directly connected with mining operations. The instruction includes the following subjects:

First Year.

Advanced Arithmetic.	Algebra.
Plane Geometry.	Solid Geometry.
Plane Trigonometry.	Elementary Physics.
Mining and Quarrying.	Physiography.

Free-hand and Mechanical Drawing.

Second Year.

English Literature.	Elementary Chemistry.
Elementary Geology.	Elements of Metallurgy.
Mining.	Assaying.
Surveying.	Map Drawing.
Mine Accounts.	Mine Plant Design.

For those persons who have completed some or all of the mathematics advanced work will be arranged. Applicants must be not less than 17 years of age, and unless more than 21 years of age must pass an examination in the common school courses in Arithmetic, English Grammar, Geography, and United States History, or they must present satisfactory certificates showing that they have successfully pursued those subjects elsewhere. Applicants over 21 years of age are admitted without examination. County appointees receive tuition free; the charge for others is $25.00 per session.

SCHEDULE OF STUDIES FOR THE DEGREE OF B. E. M.

Year	Term	First Hour. 8-9 a. m.	Second Hour. 9-10 a. m.	Third Hour. 10:30-11:30 a.m.	Fourth Hour. 11:30-12:30 a.m.	Afternoon 1:30-3:30 p.m.	Afternoon 3:30-4:30 p.m.	Saturday. 9-12 a.m.
Freshman	1	English 3 Drawing 2	Trigonometry 5	Physics 2 Drawing 3	Drawing 5	Wood Shop Bench Lathe 3 Phys. Lab. 2	Drill 5 Gym. 3	Wood Shop Drawing
	2	English 3 Drawing 2	College Algebra 5	Physics 3 Drawing 2	Chemistry 4 Drawing 1	Phys. Lab. 2 Chem. Lab. 2	Drill 5 Gym. 3	Drawing
	3	English 3 Drawing 2	College Algebra 5	Physics 3 Drawing 2	Chemistry 3 Drawing 2	Phys. Lab. 2 Chem. Lab. 3	Drill 5 Gym. 3	Drawing
Sophomore	1	Analytical Geometry 5	Adv. Physics 3 Mine Survey 2	Elementary Design 5	Drawing 5	Iron and Steel Forging	Drill Gym. 2	Elementary Design
	2	Analytical Geometry 5	Elec. & Mag. 3 Mine Survey 2	Calculus 5	Quant. Ana. 1 Desc. Geom. 4	Quant. Chem. Lab. 3	Drill Gym. 2	Quant. Anal.
	3	Analytical Geometry 5	Elec. & Mag. 3 Mine Survey 2	Calculus 5	Desc. Geom. 5	Elementary Metallurgy Sur. & Maps 2	Drill Gym. 2	Surveying Maps
Junior	1	Electric Eng.	Strength of Materials 5	Calculus 5	Mining I, II 5	Metallurgy 3 Mine Survey 2	Library	Mine Survey
	2	Mining III 5	An. Mechanics	Metallurgy 3 Ore Dressing 2	Econ. Geo. 2	Assaying 3 Mineralogy 2	Library	Assaying
	3	Mining III 5	Ore Dressing 2 Metallurgy 3	Analytical Mechanics 5	Dyn. Elec. Machy. 3 Econ. Geo. 2	Met. & Assay. Lab. 3 Mineralogy 2	Library	Assaying Mining Lab.
Senior	1	Hydraulics 2 Steam Engine 3	History 3 Pol. Economy 2	Mining VI, VII 5	Mining V 3 Metallurgy 2	Met. Lab.	Library	Mining Lab.
	2	Alt. Currents Power Plant	History 3 Pol. Economy 2	Mining VII 5	Mine Plant Design 5	Met. Lab. 3 Assaying 2	Library	Design Assaying
	3	Mine Plant Design	Thesis	Thesis Design	Min. VIII, IX 5	Thesis	Library	Thesis

Roman numerals indicate courses; Arabic, the number of recitations per week. Classes in subjects marked 3 recite Mondays, Wednesdays and Fridays; those marked 2, Tuesdays and Thursdays.

COLLEGE OF LAW

FACULTY

JAMES KENNEDY PATTERSON, Ph. D., LL. D., President.

WILLIAM THORNTON LAFFERTY, A. M.,
Dean and Professor of Law.

CHARLES KERR,
Professor of Law.

THOMAS EDWIN MOORE, A. B.,
Professor of Law.

_____
Professor of Law.

JAMES EDWARD TUTHILL, Ph. D.,
Assistant Professor of Political Economy and Sociology.

JOHN R. ALLEN, A. B., LL. B.,
Resident Lecturer.

RICHARD C. STOLL, A. B., LL. B.,
Resident Lecturer.

JOHN T. SHELBY, LL. B.,
Resident Lecturer.

GEORGE R. HUNT, LL. B.,
Resident Lecturer.

NON-RESIDENT LECTURERS.

AUGUSTUS E. WILLSON, Governor of Kentucky.
EDWARD C. O'REAR, Chief Justice Kentucky Court of Appeals.
HENRY S. BARKER, Judge Kentucky Court of Appeals.
J. P. HOBSON, Judge Kentucky Court of Appeals.
W. E. SETTLE, Judge Kentucky Court of Appeals.
JOHN D. CARROLL, Judge Kentucky Court of Appeals.
JOHN M. LASSING, Judge Kentucky Court of Appeals.
WILLIAM ROGERS CLAY, Commissioner Kentucky Court of Appeals.

COLLEGE OF LAW

The Legislature of the State of Kentucky in March, 1908, by special enactment, converted Kentucky State College into a University, which now assumes its place at the head of the educational system of the State, as Kentucky State University. It was the design of the Legislature to make a strong state educational institution, and additional appropriations were made for that purpose. Additional courses of instruction were provided for, one of which was a course in law. Accordingly the Board of Trustees directed that the College of Law be established as one of the integral parts of the University, and that it be opened September, 1908, for the admission of students. A course of study covering a period of two years was prescribed, but an experience of one year has shown that a longer period is required for a student to acquire a knowledge of the various elements of the law which will enable him to meet the needs of the profession. Commencing with September, 1909, the course will be extended to three years, and will embrace work of a collateral nature, which experience has proven to be of practical value in connection with the technical instruction.

Formerly, it was possible for the law student to begin and complete his professional studies in the office of a practicing lawyer. The demands upon the beginner were not so great; the authorities were few; the leading principles were settled and their application was comparatively simple. Now greater and better things are required. Our country is experiencing remarkable growth and development. The requirements for a successful career in all lines of business and in all professions necessitate the laying of a broader foundation before encountering these greatly changed conditions. Agriculture, mechanical engineering, and, in fact, all kinds of business demand greater preparation. In the profession of the law this requirement is even more apparent. The design of this College is to teach the student the fundamental principles of English and American Law, and to so extend the course of study as to fit him for the bar in any State. The course offered will be thorough and comprehensive, giving such training as will prepare him for usefulness as a citizen, and success as a practitioner. The instruction will not be limited to persons who may choose the

law as a profession, but will be given also to special students who may elect to take a limited course on such subjects as will be found useful in the pursuit of some other business or occupation.

ADMISSION.

The candidate for admission to the first-year class in the College of Law must, in September, 1909 and 1910, be able to meet the requirements for admission to the Freshman Class of any of the colleges of the University as given on page twenty-six. In September, 1911, students beginning the study of law must present evidence of having successfully completed the work of their Freshman year in this University or one of equal standing. All students who have matriculated in the College of Law, and have paid the fees required, will have the privilege of attending free of charge any of the lectures and recitations of the University. Students above the grade of Sophomore and who carry their full line of work in other departments of the University may, by the consent of the Faculty, have the privilege of attending, free of charge, any of the lectures and recitations of the College of Law.

ADMISSION AS SPECIAL STUDENTS.

Persons whose preliminary preparation is not such as to entitle them to enter the regular courses as candidates for a degree, or persons who have read law for a considerable period before making application for admission, and such reading has not been sufficiently extensive to bring them within the rules for admission to any class are allowed to become special students, with the privilege of pursuing a selected course of study, in any of the specified subjects, but without the privilege of being enrolled as candidates for a degree. All such students must satisfy the Dean that they are qualified to pursue the work with profit to themselves, and will be required to complete the subjects selected with the same thoroughness as regular students.

Should a special student desire subsequently to become a candidate for a degree, he must make up all the work required for the entrance examination before the beginning of the year when he proposes to graduate.

ADMISSION TO ADVANCED STANDING.

Students who are qualified to pass the entrance requirements, may be admitted to advanced standing, by presenting satisfactory evidence that they have pursued successfully the study of the subjects for which they wish credit, in an approved law school. If advanced standing is desired by students who have pursued a course of private reading, such students will be examined upon the subjects offered, and the examination will be final in all subjects in which passing grades are made. When study in a law office is offered with the application for advanced standing, an affidavit by the attorney under whom the study was carried on should be presented.

COURSE OF INSTRUCTION.

FIRST YEAR.

STUDY OF THE COMMON LAW. Three hours per week for twelve weeks.

DOMESTIC RELATIONS. Three hours a week for twelve weeks.

TORTS. Two hours a week for twenty-four weeks.

CRIMINAL LAW. Three hours a week for eighteen weeks.

CONTRACTS. Two hours a week for thirty-five weeks.

BILLS, NOTES AND CHEQUES. Three hours a week for twelve weeks.

PARTNERSHIP. Three hours a week for eight weeks.

AGENCY. Two hours a week for twelve weeks.

PRINCIPLES OF SALES. Three hours a week for eight weeks.

REAL PROPERTY. Two hours a week for thirty-five weeks.

JUNIOR YEAR.

COMMON LAW PLEADINGS. Two hours a week for twelve weeks.

CORPORATIONS. Two hours a week for thirty-five weeks.

EVIDENCE. Three hours a week for eighteen weeks.

INSURANCE. Three hours a week for eight weeks.

BAILMENT AND CARRIERS. Three hours a week for eight weeks.

EQUITY JURISPRUDENCE. Two hours a week for thirty-five weeks.

CODE PLEADING. Three hours a week for twelve weeks.

WILLS AND ADMINISTRATION. Three hours a week for eight weeks.

COMMERCIAL LAW. Three hours a week for ten weeks.

SOCIOLOGY. Two hours a week for thirty-five weeks.

Senior Year.

Damages. Two hours a week for eighteen weeks.

Conflict of Laws. Three hours a week for sixteen weeks.

Elements of Constitutional Law. Three hours a week for sixteen weeks.

Roman Law. Two hours a week for twenty-four weeks.

Political Economy. Two hours a week for thirty-five weeks.

Bankruptcy. Three hours a week for six weeks.

Code and Statute Law. Three hours a week for ten weeks.

International Law. Three hours a week for eight weeks.

Jurisdiction and Proceedings in the United States Court. Two hours a week for nine weeks.

Civil and Criminal Procedure. Two hours a week for thirty-five weeks.

METHOD OF INSTRUCTION.

The method of instruction pursued will be the use of text-books, lectures and illustrative cases, and such other methods as the Faculty may deem advisable. The value which the study of cases possesses in illustrating the practical application of legal principles, is fully appreciated, and the student will be required to use the library freely, in searching for cases illustrative of the principles taught him. He will be required to present the result of his investigation in the class room, that the subject may be discussed before the class until thoroughly understood.

Examinations will be held on each subject as it is completed, and a general examination will be held at the end of the year upon the entire year's work.

MOOT AND PRACTICE COURT.

The training given in a law school is not complete unless the student acquires a knowledge of actual practice. This is secured by the introduction of the Practice Court, which is presided over by one of the professors. A room is especially equipped for this work, with all the furnishings usually found in a well regulated court room. The court will be provided with a full corps of officers made up of the students, each of whom will alternate in official service until each member of the class has had sufficient practice to become familiar with the duties of each office. Students will be required to prepare and file in the court pleadings, de-

murrers, etc., and as counsel they will carry through the various steps taken in a cause from its inception to the final judgment. Criminal cases and cases in both law and equity will be made up and tried under the procedure practiced in a regular court. Record books will be kept in which each case will be recorded, showing its style, name of attorney and each step taken during the proceedings. At the conclusion of each case files will be made of all pleadings and other documents used. Appeals will be prosecuted to the Court of Appeals, and each student will be instructed in the preparation of the case, and in the procedure before that court.

In this court besides moot court work on assumed facts, actual controversies will be arranged, and assigned for trial on issues of fact before a jury, when witnesses will be examined, arguments made before the court and jury, and all other incidents of a contested trial will be experienced.

Students will at intervals attend the Fayette county courts which are in continuous session. Experience gained in these and in the Practice Courts of the College will give the student a good knowledge of the practical part of the course of instruction.

The preparation of wills, deeds, abstracts of title, and all other documents usually required of the practitioner will be taught.

PRIVILEGES AND LIBRARY.

Students of the College of Law will be admitted to all the privileges of the literary societies, gymnasium and library, upon equal terms with other students of the University. A law library is being accumulated and located in one of the department rooms assigned for this purpose, and is open daily for the free use of the students. By permission of the Fayette Bar Association they are also permitted to use the large library under its control, which is located in the Court House in Lexington, and contains a very large and valuable collection of text-books, reports of both Federal and State Courts, pamphlets and other books of value usually found in our best law libraries.

LAW SOCIETY.

The Henry Clay Law Society is an organization composed of the law students, which convenes once each week in the Practice

Court room. In this society the students by study and actual practice will learn the rules of parliamentary law, and its use in deliberative assemblies. They will organize legislative assemblies and learn the procedure in the framing and passage of bills, both State and Federal. Subjects of a public nature will be discussed so as to familiarize the students with the affairs of the country that will confront them in their experience as citizens and professional men.

LOCATION.

The College of Law is located in commodious quarters on the University grounds, and is supplied with class rooms, court room, auditorium for lectures, a library room and office.

CERTIFICATES.

A student who has been connected with this College for a period not entitling him to graduate, may on application to the Dean receive an official certificate of attendance, which states the time of his attendance and the degree of his attainments in the subjects taken.

COMBINED COURSE.

Under an arrangement that will be made, it will be possible for a student to carry on to some extent under certain conditions collegiate studies and studies in law at the same time. By so doing he will be able to shorten from seven to six years the time required to earn the degrees in both courses.

GRADUATION.

To attain the degree of Bachelor of Laws (LL. B.) a student must have attained the age of 21 years, have satisfied the entrance requirements, and have performed all required exercises and passed the regular examinations.

Special students or students admitted to advanced standing will be entitled to the privilege of becoming candidates for the degree when their work is made up as heretofore stated.

EXPENSES.

A matriculation fee of $5.00 will be charged each law student; the tuition fee is $30.00 per year, and a diploma fee of $10.00 will be charged each graduate. Good board can be had in private families at prices ranging from $3.00 to $4.50 per week. The books for the required work will cost about $30.00 per year.

LECTURES IN ENGLISH LITERATURE

ENGLISH XIX.

Miss Elizabeth Shelby Kinkead, Lecturer.

The course of instruction by means of weekly lectures in English literature was established by the action of the Board of Trustees in June, 1903, and the present lecturer was appointed. The work is of an interpretative and critical rather than of a technical nature, and therefore does not infringe upon that offered in the regular department of English. The object of the course is the elucidation of the principles of literature as related to life. Lectures are delivered solely upon specimens of English literature that may be termed classic, such writings, however, being selected as are not emphasized in the average text-book course, but with which persons of culture are familiar. Thus the student who goes out from the class has had opportunity to become somewhat acquainted with certain models of literature, through the medium of formulated criticism, and by means of recitation by the lecturer of the more beautiful passages of the composition discussed. In addition, therefore, to the mere intellectual value of such instruction, is the possible gain of that polish and enlightenment of spirit which is derived from contact with what is fine and delicate. In the lectures an attempt is made to inspire the student and to quicken in him the power of imagination which is necessary to success in every calling in life—just as necessary to the success of the engineer and the scientist as to that of the author and the professional man. It is through ideas, and not through mere knowledge of facts, or through technical training alone, that all great achievements are accomplished. The facts and the technical training are absolutely necessary, as a matter of course, but they are only the tools, with which ideas work; and the best means of arousing ideas in an undeveloped mind is through the presentation of the exalted thoughts and inspiring records of literature.

The lectures are delivered every Wednesday morning at ten o'clock in the Senior lecture room of Mechanical Hall, and attendance upon the course is compulsory upon the members of the Senior class. It is required that every member of the class shall take notes upon the lectures and prepare at each examination time a paper illustrating the principles that have been explained during the term.

DEPARTMENT OF PHYSICAL EDUCATION

I. FOR YOUNG WOMEN.

Mrs. Robert Lee Stout, Director.

(Graduate New Haven Normal School of Gymnastics.)

Upon the completion of a well equipped gymnasium in January, 1902, the Department of Physical Education for Women was organized under the present Director.

DEPARTMENTAL AIMS.

The aims of Physical Education are hygienic and educational: 1st. To stimulate the functioning of all bodily organs, and correct defects of the body external. 2nd. To develop the mental faculties of attention, discrimination, judgment, reaction time and self-control. 3rd. To develop character by the creation of high ideals.

GYMNASTICS.

A German gymnastic lesson is composed of four parts: Military Tactics, Free Gymnastics, Apparatus Work, Artistic Gymnastics or Classic Dancing.

Students are required to do two hours' work each week in the gymnasium. Physical Education is compulsory for all young women except Seniors, and as part of the curriculum is graded as other studies. Pupils must have an examination of heart and lungs by the University physician, Dr. Pryor, and an anthropometric examination by the Director before entering for work.

SWIMMING.

The swimming school for women is the only one of the kind in the South, and it was organized three years ago. It opens after the Annual Gymnastic Tournament in April, and is remarkably popular. Swimming is the best exercise for perfecting health after warm weather begins.

The system taught is that of Max Schwartz, of Yale, and after five or six lessons in the pool the pupils have caught the art of the breast-stroke, with correct breathing.

The pupil who makes an annual average of 13.5 and upwards may enter the class in May, if she so elects. Young women who learned to swim last spring will be taught advanced forms.

Each lesson lasts for half an hour and is given to groups of six. All pupils are drilled in resuscitation of drowning persons, after the manner of the United States Life-saving Crews.

BASKET-BALL.

Social games like basket-ball have a definite purpose in Physical Education. Players require quickness of thought, judgment, and self-control under excitement. They learn to sacrifice self for the sake of the team as a whole. Gymnastic training has given our young women such suppleness and endurance that their fame is more than local.

II. FOR YOUNG MEN.

W. W. H. MUSTAINE, B. S., *Director.*
J. W. PRYOR, M. D., *Medical Advisor.*

ASSISTANTS.

H. H. DOWNING, J. S. CROSTHWAITE, T. B. SHORT.

"Orandum est ut sit mens sana in corpore sano."—Juvenal.

Plato is said to have called any one lame, who exercised the mind while the body was allowed to suffer. In these days when so much time is spent in training the mind, when specilization in almost all lines has developed to such a degree that man has practically lost his all-round activity, when labor-saving machines are saving his muscles but not his nerves, when competition is so close and the motto "Press Onward" is ever before him, when the rush of our population from the healthful influences of country life to vitiating influences of the cities is increasing,—in short, when nearly all of the conditions and activities that have served to make our ancestors healthy and the great legacy of health which was inherited by our fathers and in a measure, by us, are being gradually withdrawn from us, it urgently behooves all of us to pay more attention to our physical welfare.

This is especially the case with college students. In college the student is urged toward mentality. It is the purpose of the Department of Physical Education to see not only that our students do not deteriorate in health and general physical stamina, but that they actually improve, while pursuing their studies here. Many of them come from rural communities. These are usually strong and vigorous. For this they are indebted to pure air, good food, sunshine, and healthful exercise. It were exceedingly inadvisable to withdraw

these conditions from them. They cannot thrive in changed conditions as well as the city boys who are more or less accustomed to the opposite environment. But there is even a greater need of this work for the city boys who are pale, flat-chested, and poorly developed.

Montaigne said: "It is not a soul, it is not a body that we are training, but a *man* and we must not divide him." Educators are taking hold of this idea, that real education must be broad enough to include the entire man. This Department is supported by the Board of Trustees and the Faculty of the institution the same as any other department. It includes nearly all of the students. It is for the masses. The work is required for graduation. During the past year about eighty per cent of all the students enrolled were present at every lesson .

PHYSICAL EXAMINATION.

Upon entrance every student is subjected to a medical examination of the heart and lungs by the Medical Advisor. If found ineligible to enter the work of the Department, theoretical work is assigned. If eligible, the Director of the Department will make an anthropometric examination consisting of the important physical measurements, strength tests, capacity of lungs, etc. He will also note the condition of the skin and examine for the usual physical deformities. Tests will be made of the vision, the hearing, and the color sense, and information concerning the family history of the student will be secured.

If advisable, special work will be prescribed, based upon the foregoing examinations; otherwise, the student will be assigned to some of the regular classes.

AIMS.

The work of the department will be conducted with six purposes in view, (*a*) the promotion and maintenance of health, (*b*) the development of the muscles for strength, grace, and good carriage, (*c*) the prevention and correction of physical deformities, such as flat foot, round shoulders, flat chest, spinal curvature, etc., (*d*) the overcoming of hereditary tendencies to disease, (*e*) the development of the faculties of attention, judgment, precision, discrimination, etc., and (*f*) the cultivation of the highest ethical ideals.

Two or more hours per week are required during the entire collegiate year, theoretical instruction being the more prominent during the warm weather of the Fall and Spring.

PHYSICAL INTROSPECTION.

Another feature of the work is that of physical introspection. Under this head is included (*a*) the effort to enlist the interest of the student in his physical welfare and to teach him the value of physical education, (*b*) frequent talks on applied physiology as well as on personal and public hygiene, (*c*) lectures on the several aspects of physical education including (1) its history,—status among the Greeks and growth of the present time, (2) its relation to sociology, psychology, and morality, (3) its relation to bacteriology and hygiene, and (4) first aid to the injured.

THE LITERATURE.

A feature of the coming year will be text-book instruction in the care of the body,—value of air, sunshine, bathing, exercise, hygiene, etc. Selections will be made from the following books: Gulick's *The Efficient Life,* Gulick's *Physical Education by Muscular Exercise,* Blaikie's *How to Get Strong and Stay So,* Buckley's *Studies in Physical Culture,* Masso's *Psychic Processes and Muscular Exercise,* Chesterton's *Theory of Physical Education,* Dulles' or Butler's *Emergencies.* Other books and magazine articles will be assigned for parallel reading, and essays on various subjects relating to health will be required.

FLOOR WORK.

Swedish gymnastics will form the foundation of the practical floor work, but this will be frequently interspersed with German gymnastics and musical accompaniment. Arrangements have been made with the Military Department whereby the entire cadet corps

will be instructed in the physical drill and "setting up" exercises by the Director of this Department at stated intervals during the winter term. Swedish exercises will also form a part of this instruction.

For recreation basket-ball and other gymnastic games will be employed. Opportunities for instruction in such personal contests as boxing, fencing, single sticks, wrestlng, etc., are provded and the work will be conducted by special instructors. As much of the work of the Department as possble will be conduced out-of-doors.

The attention of all patrons of the University is respectfully called to this Department and their hearty support is earnestly requested.

DEPARTMENT OF MILITARY SCIENCE

Lieutenant Corbusier.

The military instruction is under the charge of an officer of the United States Army. The course as a whole has special reference to the duties of the line. A full supply of arms and ammunition is furnished by the War Department for the use of the cadets in this course.

Every male student able to perform military duty, and not excused for sufficient cause, is required to drill twice each week and to attend the required lectures and recitations throughout the Freshman and Sophomore years. The standings in study and drill are placed on record, and are requisite to graduation in every course in the University.

The battalion is composed of four companies and the artillery and signal detachments. The officers are usually selected from the Junior class and the non-commissioned officers from the Sophomore class. The officers are paid a small sum for their services.

The uniform prescribed is of olive drab, cut after the army pattern. In order that all uniforms worn here may be, in quality, make, and finish, in strict accordance with the specifications adopted by the University, all students enrolled in the military department are required to obtain them from the firm only that may for the time being be under agreement to furnish said uniforms at a stated price and of standard quality.

THEORETICAL INSTRUCTION FOR ALL MALE STUDENTS.

Infantry drill regulations, U. S. Army. Firing regulations. Manual of guard duty. Army regulations.

Lectures on the organization and administration of the United States Army, and the general principles of the art of war. Freshman and Sophomore years, one hour per week.

PRACTICAL INSTRUCTION FOR MALE STUDENTS.

Infantry.—School of the soldier, squad, company and battalion; ceremonies; guard duty; minor tactics.

Artillery.—School of the cannoneer, and battery, dismounted; ceremonies; guard duty. Freshman and Sophomore years, two hours per week.

THEORETICAL INSTRUCTION FOR ALL OFFICERS AND SERGEANTS.

Military administration; field engineering; elements of the art of war; preparation of reports and returns.

Sophomore and Junior years, one hour per week.

MILITARY DEPARTMENT

ROSTER OF BATTALIONS.

FIRST LIEUT. P. W. CORBUSIER, 7th CAVALRY, U. S. A:,
Commandant.

REGIMENTAL STAFF.

R. C. Mayhall, *Captain and Adjutant.*
P. B. Blakemore, *Captain and Quartermaster.*

NON-COMMISSIONED STAFF.

J. R. Dean, *Regimental Sergeant Major.*
M. A. Cleveland, *Regimental Quartermaster-Sergeant.*

COLOR SERGEANTS.

W. A. Obenchain.
W. A. Lurtey.

FIRST BATTALION.

Edgar Bennett, *Major.*
L. C. Bridges,
1st. Lieut. and Batt. Adjut.

SECOND BATTALION.

T. P. Warren, *Major.*
F. W. Staples,
1st. Lieut. and Batt. Adjut.

BATTALION SERGEANTS MAJOR.

F. T. Miles, First Battalion.
A. C. Ball, Second Battalion.

BAND.

R. B. Moss,
1st Lieutenant and Drum Major.
C. G. Taylor,
1st Lieutenant and Chief Musician.
Paul Francis,
2nd Lieutenant and Principal Musician.

SERGEANTS.

M. M. Harrison
C. W. Denham
T. S. Karn
R. L. Jones

CORPORALS.

H. B. Hedges
R. N. Woodson
W. Collins
V. B. Milligan

COMPANY A.

E. B. Webb, *Captain.*
W. A. Wallace, *1st Lieut.*
V. L. Downing, *2nd Lieut.*

COMPANY B.

J. S. Garvin, *Captain.*
R. H. Cram, *1st Lieut.*

COMPANY C.

H. H. Hudson, *Captain.*
B. H. Logan, *1st Lieut.*

COMPANY D.

H. W. Smith, *Captain.*
T. O'Day, *1st Lieut.*
R. A. Bateman, *2nd Lieut.*

COMPANY E.

R. S. Webb, *Captain.*
T. B. Short, *1st Lieut.*
B. H. Collings, *2nd Lieut.*

COMPANY F.

J. F. Grimes, *Captain.*
W. G. Clugston, *1st Lieut.*
T. Slade, *2nd Lieut.*

THE ACADEMY

FACULTY

(In the order of appointment.)

WALTER KENNEDY PATTERSON, A. M., Principal.

KNOX JAMESON, A. B.

JOHN LESLIE PURDOM, A B.

ALFRED GAY McGREGOR, A. B.

WILLIAM SHACKLETTE HAMILTON, A. B.

Assistants.

ACADEMY

The Academy was established as an integral part of the institution by the General Assembly in order to prepare students to enter the Freshman Class in any of the Colleges of the State University. A large number of county appointees and others who have passed through the common schools require fully three years of preparation before they can enter the Freshman Class. Because of its relationship to the University and because it is created for the express purpose of bridging over the interval between the common schools and the Freshman Class, it possesses special advantages for this work. It adapts itself in quality and quantity to the kind of preparation needed and to its amount. The burden of work required in the colleges of the University renders thorough preparation indispensable and this preparation the Academy supplies.

COURSE OF STUDY.

FIRST YEAR. Arithmetic, Wells' *Academic;* Algebra, Wells' *Essentials* to Chapter XVII; English Grammar, Patterson's *Advanced;* Latin Grammar, Moore and Slicher's *Elements;* American History, Montgomery.

SECOND YEAR. Algebra, Wells' *Higher* to Chapter XXVIII; Plane Geometry, Beman and Smith; Rhetoric, Genung's *Outlines;* Synonyms, Crabb; Latin Grammar, continued; Twelve Lives of Nepos, or an equivalent; four books of Cæsar; Latin Prose Composition, D'Ooge; Beginning German, Bierwirth; *Glueck Auf,* Mueller and Wenckebach; Greek Grammar, Benner and Smyth.

THIRD YEAR. Solid Geometry, Beman and Smith; Studies in English Literature, Swinton; Selections from *Ovid*—2,500 lines with instruction in scanning; six orations of *Cicero;* Elements of German, Bierwirth; *Hoeher als die Kirche, Immensee;* German Prose Composition, Howe; Greek Grammar, continued; Xenophon's *Anabasis,* four books; Homer's *Iliad,* four books; Greek Prose Composition, Pearson; General History, Myers; New Physical Geography, Tarr; Elements of Physics, Gage.

COURSE IN READING

FIRST YEAR. Coleridge's *Ancient Mariner;* Milton's *L' Allegro, Il Penseroso, Comus* and *Lycidas.* In Class.

Scott's *Ivanhoe;* Scott's *Lady of the Lake.* Parallel.

SECOND YEAR. Macaulay's *Essay on Addison;* Macaulay's *Life of Johnson;* Burke's *Speech on Conciliation with the American Colonies;* Shakespeare's *Julius Caesar.* In Class.

Shakepeare's *Merchant of Venice;* Shakepeare's *Macbeth;* Tennyson's *Gareth and Lynette, Lancelot and Elaine,* and *The Passing of Arthur.* Parallel.

The Academy is under the immediate direction and management of the Principal and four Assistants.

The students are subject to the same rules and regulations as the students of the University. The attendance at the University is required only during the hours of recitation and other prescribed University exercises, the preparation of their lessons being made elsewhere.

The courses of study in the Academy are provided for those who enter directly from the common schools, and supply the necessary training intermediate between the Freshman class of the University and the course of study prescribed by the State Board of Education for the common schools.

Students matriculating in the Academy are required to pursue one of its prescribed courses of study, and are not permitted to

take any study outside of this course except on the recommendation of the Principal.

ENTRANCE REQUIREMENTS.

Every applicant, to be admitted to the Academy, is required to pass a satisfactory examination in Spelling, Reading, Writing, Geography, American History, English Grammar, and Arithmetic.

County Appointees must present Certificates of Appointment, made on actual examinations held in pursuance of *law* by a County Board of Examiners, duly appointed for that purpose by the County Superintendent.

Applicants from the graded schools of the State must have completed with credit the eighth-grade studies.

Other applicants must have completed the common school course prescribed by the State Board of Education.

Those who enter at any other time than the beginning of the academic year will be required to pass a satisfactory examination on the work already gone over by the classes they propose to enter.

ENTRANCE EXAMINATIONS.

Examinations will be held as follows: Thursday, September 2, 1909, in Arithmetic, English Grammar, Higher Algebra and Rhetoric; Friday, September 3, in Essentials of Algebra, Latin Grammar, Plane Geometry, Nepos and Caesar; Saturday, September 4, in Political and Descriptive Geography, American History, Greek Grammar, and Beginning German; Monday, September 6, in General History and Physical Geography. The hours of examination on each day will be from 8 a. m. to 12 m. and from 2 p. m. to 5 p. m.

For the benefit of those other than county appointees, who desire to know the character of the examination which applicants for admission will be required to pass, the following examination papers are submitted as a sample. It is not to be understood that these are the questions on which applicants will be examined, but that they indicate the minimum attainments necessary to enter the Academy of the University. Those who expect to enter more advanced classes will be required to pass an examination on all that the class which they propose to enter has passed over.

I.—ARITHMETIC.

Find the greatest common divisor of:

$\frac{8}{9}$, $\frac{16}{21}$, $4\frac{4}{5}$, and $13\frac{5}{7}$.

Simplify: $\dfrac{6\frac{5}{8}, -5\frac{1}{5}, +4\frac{3}{4} - 3\frac{1}{2}.}{8\frac{9}{10} - 7\frac{7}{8} + 6\frac{4}{5} - 5\frac{1}{4}.}$

Find in gallons the contents of a cylindrical tank five feet in diameter and seven feet deep.

If .488 of a ton of coal cost $3.05, what will be the cost of 7.56 tons?

A certain number is divided into parts proportional to the numbest 3, 6, 11 and 18, such that the fourth part exceeds the third part by 35. What are the parts?

How many shot $\frac{1}{16}$ of an inch in diameter can be made from a ball 1 foot in diameter?

What per cent above cost must goods be marked to allow a discount of $12\frac{1}{4}$ per cent from the list price and still make a profit of $13\frac{4}{13}$ per cent?

What annual income will be realized by investing $4331.25 in a $7\frac{3}{4}$ per cent stock, at a premium of $23\frac{1}{2}$ per cent, brokerage $\frac{1}{4}$ per cent?

If A can do a piece of work in 3 days, B in 4 days, and C in 5 days, how long will it take them all to finish the work after A and C have worked 1 day?

A farmer sows 7 bushels, 3 pecks, 1 quart, and $1\frac{1}{2}$ pints of seed, and reaps 147 bushels, 2 pecks, and 1 quart. What is the yield per bushel of seed?

II.—GRAMMAR.

Name. define, and give examples of all the parts of speech.

In what three ways may the gender of nouns be indicated? Give examples.

Give the plural forms of ox, axis, folio, cargo, radius, penny, brother-in-law, and wagon-load.

Write the possessive case of fly, men, ladies, Cyrus, The Harpers, and Brown and Co.

Define redundant and defective verbs, and give the principal parts of am, can, cleave, choose, lay, lie, and set.

Define inflection, declension, comparison, and conjugation.

Define gender, case, mood, and voice.

Give the different ways in which infinitive and participial phrases are used.

Parse all of the words in the following sentences: "I know him to be a leader," "The ditch is twenty feet wide."

Analyze the following sentence:

So nigh is grandeur to our dust,
So near is God to man,
When duty whispers low, "Thou must."
The youth replies, "I can."

III.—HISTORY.

Give a brief account of the first settlement in each of the original thirteen colonies.

Define Charter, Proprietary, and Royal governments as applied to the colonies, and name the colonies that were under each of these forms of government.

Give the dates, causes, and results of each of the colonial wars.

Describe the Declaration of Independence, its causes, and two important battles of the War of the Revolution.

Give the boundaries of the United States at the time of the adoption of the Constitution, and indicate briefly the time, manner, and extent of each subsequent acquisition of contiguous territory.

Name the causes and results of the War of 1812, and give an account of the battles of Lake Erie and New Orleans.

State the causes of the Civil War and describe the following battles: Antietam, Gettysburg, Atlanta.

Give a full account of two naval battles of the Spanish-American War.

Give a brief account of each of the great Political Parties since the adoption of the Constitution, indicating their prominent principles.

Write a brief account of Benjamin Franklin, John Quincy Adams, Andrew Jackson, Daniel Webster, John C. Calhoun, James G. Blaine.

IV.—GEOGRAPHY.

Where is the Sea of Japan? Bay of Bengal? Arabian Sea? Gulf of Guinea? Caribbean Sea? Hudson's Bay?

What great lakes in Africa? Western Asia? Where are the great lakes of the Western Hemisphere? Where is the Amazon River? The Mississippi? In what direction do these rivers flow? Where is the Nile?

In what ocean are most of the islands of the world? What

large islands between Asia and Australia? What large island east of Africa? What group southeast of the United States? What group encloses the Behring Sea?

Name in order, from North to South, the States touching the east bank of the Mississippi, and give chief towns in each.

Bound California, Massachusetts, Ohio, Florida, and name the capital and chief city of each.

What are the chief natural products of Eastern Kentucky? Of Central Kentucky? Of Western Kentucky?

Do the island possessions acquired by the United States since 1898 lie north or south of the Tropic of Cancer?

What European nations have possessions in Asia? Give the location of these possessions.

Name the constitutional monarchies of Europe and give their capitals.

Locate Manchuria, Cape Colony, Venezuela, Oklahoma.

SCHEDULES OF STUDIES IN THE ACADEMY—1909-10.

I Arts and Science.

Year	Term	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.	SIXTH HOUR.
FIRST	I	Advanced English Grammar.	Latin Grammar.	Academic Arithmetic.	Essentials of Algebra.		Physical Training.
	II	English Grammar and Composition.	Latin Grammar and Easy Latin.	Academic Arithmetic.	Essentials of Algebra.	American History.	Physical Training.
SECOND	I	Rhetoric and Synonyms or Greek Grammar.	Higher Algebra.	Latin Grammar and Nepos.	Plane Geometry.	General History.	Physical Training and Military Science
	II	Rhetoric and Composition or Greek Grammar.	Higher Algebra.	Caesar and Latin Prose Composition.	Plane Geometry.	General History.	Physical Training and Military Science.
THIRD	I	Physics.	Studies in English Literature.	Solid Geometry.	Ovid and Scanning.	German or Anabasis and Prose Composition.	Physical Training and Military Science.
	II	Physics.	Studies in English Literature.	Physical Geography.	Cicero and Latin Prose Composition.	German or Anabasis and Prose Composition.	Physical Training and Military Science.

II Engineering.

Year	Term	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.	SIXTH HOUR.
FIRST	I	Advanced English Grammar.	Latin Grammar.	Academic Arithmetic.	Essentials of Algebra.		Physical Training.
	II	English Grammar and Composition.	Latin Grammar and Easy Latin.	Academic Arithmetic.	Essentials of Algebra.	American Hsitory.	Physical Training.
SECOND	I	Rhetoric and Synonyms.	Higher Algebra.	Latin Grammar and Nepos.	Plane Geometry.	German.	Physical Training and Military Science.
	II	Rhetoric and Composition.	Higher Algebra.	Caesar and Latin Prose Composition.	Plane Geometry.	German.	Physical Training and Military Science.
THIRD	I	Physics.	Studies in English Literature.	Solid Geometry.	German and Prose Composition.	General History.	Physical Training and Military Science.
	II	Physics.	Studies in English Literature.	Physical Geography.	German and Prose Composition.	General History.	Physical Training and Military Science.

ALUMNI

1869.

Munson, William Benjamin, B. S.....Denison, Texas.

1870.

Munson, Thos. Volney, B. S., M. S., '83, D. Sc., '06..Denison, Tex.

1871.

Harding, Enoch, B. S.....Fort Worth, Texas.

1874.

Carswell, Robert Emmett, B. S.....Decatur, Texas.
Dean, John Allen, B. S.....Owensboro.
Hardin, Thomas Rollins, B. S., M. S., '76.....Winchester.
Smith, Edward Everett, B. S.....Chicago, Ill.

1875.

Brown, Edgar Thomas, B. S., M. S., '77.....Chicago, Ill.

1877.

Floete, Franklin, B. S.....St. Paul, Minn.
Ward, Ballard Preston, B. S.....Rural Retreat, Va.

1878.

Cole, Moses Salvador, B. S.....Rivas, Nicaragua.
*Mackie, Mahlon, B. S.....Mt. Sterling.

1879.

Blakely, Charles Graham, B. S., M. S., '84.....Topeka, Kansas.
Hays, Napoleon Bonaparte, B. S., M. S., '84.....Pineville, Ky.
Perry, Caleb Sykes, B. S.....Shepherd, Texas.
Wright, Henry Moses, B. S.....Atlanta, Ga.

1880.

*Crawford, James, B. S.....Lexie, Tenn.
Peter, Alfred Meredith, B. S., M. S., '85.....Lexington.
Weller, Nicholas John, B. S.....Pineville.
Whatley, George Croghan, B. S.....Birmingham, Ala.

1881.

Pence, Merry Lewis, B. S., M. S., '85.....Lexington.

1882.

*Berry, George Gist, B. S.....Lexington.
DeRoode, Louis Kuinders, A. B., A. M., '86.....Philadelphia, Pa.
Patterson, John Letcher, A. B., A. M., '86.....Louisville.
Rogers, Edward Lee, A. B.....Lexington.
Shackleford, John Armstrong, A. B., A. M., '86...Tacoma, Wash.

*Deceased.

Stoll, John William, A. B.....Lexington.

1883.

*King, William Elijah, B. S.....Nelson County.
Taylor, James W., A. B., A. M., '86.....Carlisle.

1884.

Eubanks, Burton Prendergast, B. S.....Dallas, Texas.
Graves, Clarence Scott, B. S.....Lexington.
*Jones, Henry Clay, B. S.....Monticello.
Kastle, Joseph Hoeing, B. S., M. S., '86.....Washington, D. C.
Ramsey, Russell Thomas, B. S.....Denver, Colo.
Riley, Otis Violett, B. S.....Pineville.

1885.

DeRoode, Rudolph John Julius, B. S., M. S., '87..Glens Falls, N. Y.
Gess, George Thomas, B. S.....Lexington.
Gordon, John Crittenden, B. S.....Eminence.
Lambuth, William David, A. B.....Seattle, Wash.
Scott, James Russell, B. S.....Lexington.
*Thornbury, William Garland, B. S.....Brooklyn, N. Y.

1886.

Morgan, Thomas Hunt, B. S., M. S., '88.....New York.
*Prewitt, Robert Lee, A. B.....Memphis, Tenn.
Prewitt, William Chandley, A. B.....Fort Worth, Texas.

1887.

Hifner, Kearney Lee, B. S.....Lexington.
Shackleford, Thomas Wheatley, A. B.....Seattle, Wash.

1888.

*Bartlett, Frederick Vincent, B. S.....Lexington.
Bryan, George Gist, B. S.....Norfolk, Va.
Curtis, Henry Ernest, B. S., M. S., '92.....Lexington.
Gunn, Belle Clement, B. S.....Springfield, Ohio.
Payne, Robert Treat, B. S.....Santa Rosa, Mexico.

1889.

Ellershaw, Edward, A. B., A. M., '92.....Bristol, England.
Frazer, Hugh Miller, B. S.....Lexington.
*Patterson, William Andrew, B. S.....Lexington.
Prewitt, Annie Gist, B. S.....Lexington.
Walker, Robet Bernie, B. S.....New York.

1890.

Anderson, Richard Thomas, Jr., B. S.....Lexington
Baker, Annie Jane, B. S.....Lexington.
Brock, Charles Robert, B. S.....Denver, Colo.
Forston, Keene Richards, B. S.....Washington, D. C.
Gunn, John Wesley, C. E.....Lexington.
Hoeing, Charles, A. B.....Rochester, N. Y.

*Deceased.

Wilson, Margaret Agnes, B. S.....Deadwood, Colo.
Yates, James Anderson, B. S., M. S., '99.....Pittsburg, Kansas.

1891.

Berry, Henry Skillman, B. S.....Lexington.
Clardy, U. L., B. S.....Cheyenne Agency, S. D.
Muncy, Victor Emanuel, B. S., M. S., '07, B. M. E., '08.....
Cincinnati, Ohio.
Wallis, William Russell, C. E.....Memphis, Tenn.
Warner, B. Callie, B. S.....Washington, D. C.

1892.

Cox, Arthur Melville, A. B.....Cynthiana.
*Elkin, Fielding Clay, B. S.....Lexington.
Hunt, Irene Leonora, B. S., B. Ped.....Lexington.
Maxey, John Gee, A. B.....Louisville.
Page, William Seabury, C. E.....Danville, Wash.
Pottinger, Samuel Lancaster, A. B.....Louisville.
*Reynolds, Frank Craig, C. E.....Lexington.
Scovell, Frank Elmer, C. E.....Chamois, Mo.
Shaw, Hiram, B. S.....Chicago, Ill.
Shelby, Isaac Prather, C. E.....Pine Bluff, Ark.
Southgate, Butler Turpin, A. B.....Lexington.

1893.

Adams, Katherine Innis, A. B.....Las Cruces, N. M.
Bryan, John Irwin, B. S., B. M. E., '95.....Thompkinsville, N. Y.
Courtney, Edmond, B. Ped.....Covington.
Gunn, Henry Martin, B. S.....Tacoma, Wash.
Hobdy, William Cott, B. S.....Angel Island, Cal.
Johnson, James Richard, B. M. E.....Richmond.
McFarlin, John William, B. S.....Franklin.
Railey, Morton Sanders, C. E.....Washington, D. C.
Roberts, Daniel Stillwell, B. Ped., A. M., '01.....Louisville.
Smith, Denny Perryman, B. S.....Cadiz.
Speyer, Rosa, B. S., M. S., 1900.....Leipsig, Germany.
Ware, Cora E., B. Ped.....Pineville, La.
*White, Milford, C. E., M. S., 1900.....Lexington.
Willis, Benjamin Grant, B. S.....Lexington.

1894.

Aulick, Edwin Chesterfield, A. B.....Louisville.
Bradshaw, George Dickie, B. Ped.....Chicago, Ill.
Brand, Edward, A. B., A. M., '96, M. S., '05....Birmingham, Ala.
Curtis, Carlton Coleman, B. S.....New York.
Faig, John Theodore, B. M. E., M. E., '97.....Cincinnati, Ohio.
Garred, Ulysses Anderson, B. M. E.....Anaconda, Mont.
*Griffing, Emma Rosetta, B. S.....Lexington.
Hays, James Morrison, A. B.....Barbourville.
Hughes, Leonard Samuel, B. S.....Angel Island, Cal.
Jones, Mattison Boyd, A. B.....Los Angeles, Cal.

*Deceased.

Keiser, Benjamin Christopher, B. S.....St. Louis, Mo.
Kroesing, Lillie, B. S.....Lexington.
Newton, Nathan Alexander, B. M. E., M. E., '99.....Oil City, Pa.
Norman, Albert Clift, B. M. E.....Port Townsend, Wash.
Oots, Nina Pearl, B. S.....Lexington.
Shelby, Katherine, B. S.....Lexington.
Sledd, Dora, B. Ped.....Chicago, Ill.
Trigg, William Clay, C. E.....Memphis, Tenn.
Warner, Hattie Hocker, B. S., M. S., '96.....Angel Island, Cal.

1895.

Atkins, Mary Lyons, B. S.....Lexington.
Barber, Lanis Spurgeon, B. S.....Tallahassee, Fla.
Bush, Henry Skillman, B. S.....Lexington.
Didlake, Mary LeGrand, B. S., M. S., '97.....Lexington.
Downing, Joseph Milton, B. M. E.....Mantua, Ohio.
Faulkner, John Vick, C. E.....Simon, Ind. Ter.
Fitzhugh, Lucy Stuart, A. B., A. M., '96.....Lexington.
Foster, Nettie Belle, B. S.....Lexington.
King, Elizabeth Whittington, A. B., A. M., '97.....Lexington.
Lewis, Thomas Stone, A. B.....Lexington.
McConathy, James Asa, B. S.....Kirklevington.
McCaughliffe, Mary Catherine, B. S.....Lexington.
Murrill, Paul Ingold, B. S., M. S., '96.....Wilmington, Del.
Newman, Roberta, B. S.....Lexington.
Reynolds, Nellie Anna, B. S., M. S., '96.....Lexington.
Stoll, Richard Charles, A. B.....Lexington.
Weaver, Rufus Lee, B. S.....New York.
Willmott, John Webb, A. B.....Wewoka, Okla.
Woods, John Joseph, A. B.....Lexington.

1896.

Alford, Smith Edison, A. B.....Flushing, Long Island.
Carnahan, James Williams, A. B.....Cincinnati, Ohio.
Case, Daniel Morris, B. M. E.....Lexington.
Davidson, Harry Adolph, C. E.....Louisville.
Dean, Thomas Roland, A. B.....S. McAlister, Okla.
Duck, Alice, B. S.....Lexington.
Dunlap, John Jennings, A. B.....Covington.
Kerrick, Felix, A. B., A. M., '01.....Louisville.
Lyle, Joseph Irvin, B. M. E., M. E., '02.....Plainfield, N. J.
McDowell, Edward Campbell, B. M. E.....Berwick, Pa.
Orman, Henry, B. M. E.....Danville.
Trigg, Jhon Henry, B. S.....Corinth.
Woods, John Wesley, A. B.....Ashland.

1897.

Allen, William Raymond, A. B.....Muscogee, Okla.
Anderson, Henry Clay, B. M. E.....Ann Arbor, Mich.
*Atkins, Antoinette Thornton, B. S.....Lexington.

*Deceased.

Blessing, George Frederick, B. M. E., M. E., '04..Swathmore, Pa.
Bullock, Samuel Archibald, B. M. E., M. E., '04..Philadelphia, Pa.
Cassidy, Elizabeth, B. S.....Chicago, Ill.
Clarke, Mary Eva, B. S., M. S., '98.....Lexington.
Collier, William Henry, B. M. E.....Jackson, Tenn.
DeBow, Samuel Carruthers, B. M. E.....Union City, Tenn.
Downing, George Crutcher, B. Ped., M. S., '98.....Frankfort.
Duck, Berkley Wilson, B. M. E.....Indianapolis, Ind.
Duncan, William Adolphus, B. M. E.....San Francisco, Cal.
Frazer, Joseph Christie, B. S., M. S., '98.....Pittsburg, Pa.
Geary, John Thomas, B. S.....Lexington.
Gordon, Robert Lee, A. B., A. M., '98.....Bartlesville, Okla.
Gunn, Clara Brooke, B. S.....Lexington.
*Haley, John Thomas, B. S.....Lexington.
Hendren, James Harry, B. S.....Blanche.
Hicks, Arthur Lee, A. B.....Washington, D. C.
Kelly, Thomas Conway, B .M. E., M. E., '06.....Cincinnati, Ohio.
McHargue, Barbara Susan, B. S.....Morris, Minn.
Morgan, George Matt, B .S.....Cincinnati, Ohio.
Pope, Robert Lee, A. B.....Williamsburg.
Scott, John, A. B.....Manila, P. I.
Searcy, Lula, B. Ped..... Lexington, Okla.
Simrall, James Orlando Harrison, A. B.....Lexington.
Warner, Logan Hocker, B. S.....Wilmington, Del.
White, Martha Ripperdan, B. S., M. S., '02.....Swathmore, Pa.

1898.

Brock, George Green, A. B., M. S., '99.....London.
Brock, Lafayette Breckinridge. B. S.....Lexington.
Cahill, William James David, L. M. E.....Lexington.
Campbell, Thomas Luther, A. B.....Memphis, Tenn.
Carpenter, William Thomas, B. M. E.....San Francisco, Cal.
Farley, Frank Preston, A. B.....Flatlick.
Hammock, David William, B. S.....Cane Creek.
Hamilton, Thomas Smith, B. M. E., M. E., '99.....Louisville.
Johnson, Jack Stubblefield, A. B.....Paris.
King, Margaret Isadora, A. B.....Lexington.
Loevenhart, Arthur Solomon, B. S., M. S., '99.....Madison, Wis.
Loevenhart, Edgar Charles, B. M. E.....Panama.
Lucas, Ida West, A. B.....Flushing, Long Island.
Straus, Charles Louis, B. M. E., M. E., '99.....Lexington.
Terry, Lila Beatrice, A. B.....Paris.
Trosper, Henderson Taylor, A. B.....London.
Turner, Job Darbin, B. Ped.....Lexington.
Ward, Paul Sterling, B. M. E.....Covington.
Wilson, Henry Clay, A. B.....Cynthiana.

1899.

Allen, Leonard Barnes, B. C. E.....Ashland.
Brock, Walter Lucas, A. B.....London.

*Deceased.

Bronaugh, Will Logan, B. M. E., M. E., '03.....Chicago, Ill.
Bullock, Frederick Dabney, B. S.....Baltimore, Md.
Bullock, Joseph Hunt, B. S.....Lexington.
Butler, Frances Victor, A. B., A. M., '02.....Paris.
Copland, Alexander Chisholm, B. C. E.....Richmond, Va.
Cox, Jane Bramblett, A. B.....Lexington.
*Davidson, Joseph Ernest, B .C. E.....Louisville.
Graves, Leila May, B. S.....Huntington, W. Va.
Grinstead, Wrenn Jones, A. B.....Richmond.
Horton, Minnie Leigh, A. B.....Mt. Sterling.
Hughes, James William, B. M. E.....Philadelphia, Pa.
Jett, Carter Coleman, B. M. E.....Youngstown, Ohio.
Johnston, Philip Preston, B. M. E.....Lexington.
*Maddocks, Roydon Keith, B. C. E.....Wehrum, Pa.
Marks, Samuel Blackburn, B. S.....Lexington.
Morrow, Joseph, B. Ped.....Rankin.
Roberts, George, B. Ped., M. S., '01.....Lexington.
Sasser, William Henry, B. S.....Hazard.
Scherffius, William Henry, B. S., M. S., '05.....Lexington.
Scholtz, Theodore Walter, B. M. E.....Edgewood, Pa.
Simpson, Eugene Erwin, A. B., A. M., B. M. E.....Lexington.
Smith, Sidney Allan, A. B.....Lexington.
Vance, Arthur John, B. M. E.....Cincinnati, Ohio.
*Warren, Richard Evans A. B.....Lexington.
Wil!mott, Jennie Walker, B. S.....Cincinnati, Ohio.
Young, Bradley Woodruff, B. S.....Seattle, Wash.

1900.

Allen, Robert McDowell, A. B.....Washington, D. C.
Bowden, Mary Willa, A. B.....Winchester.
Brock, David Morrice, B. C. E.....Memphis, Tenn.
Cornett, Charles George, B. Ped.....Pineville, Ore.
Cox, Lula May, B. S.....Deatsville.
Darling, Lewis, Andrew, B. M. E.....Ithaca, N. Y.
Frankel, Leon Kaufman, B. M. E., M. E., '02.....Lexington.
Graham, James Hiram, B. C. E., C. E., '03.....Knoxville, Tenn.
Graves, James Madison, B. M. E., M. E., '01.....Pittsburg, Pa.
Gunn, John Tevis, A. B., A. M., '01.....Lafayette, Ind.
Hardin, Calvin Evans, B. S.....Leesville, Ala.
Hestand, John Emerson, B. S.....Edmonton.
Hundley, Leslie, B. S.....Rome.
Johnston, John Pelham, B. M. E., M. E., '01.....Lexington.
Johnston, Marius Early, B. S.....Lexington.
Jones, Thomas Almon, A. B.....Creelsboro.
Lester, Arthur Vane, B. C. E.....Richmond, Va.
McCarty, William Carpenter, B. S.....Richester, Minn.
Musselman, Joseph Franklin, B. M. E., M. E., '04.....New York.
Neal, Mary Eliza, A. B.....Paris.
Nichols, Thomas Ashbrook, B. M. E.....Detroit, Mich.
Peyton, Nellie Evans, B. S.....Lexington.

*Deceased.

*Ragan, Leonidas, A. B.....Shearer Valley.
Reed, Jewett Villeroy, B. S.....Jeffersonville, Ind.
*Reiser, Eugene Feist, B. M. E.....Louisville.
Scrugham, James Graves, B. M. E., M. E., '06.....Reno, Nev.
Smith, Albert Elias, B. S.....Hindman.
Smith, Joshua Soule, B. M. E.....Chicago, Ill.
Spears, Miranda Louise, B. S.....Tucumcari, N. M.
Wilson, Joseph Buckley, B. M. E., M. E., '05.....Louisville.

1901.

Bassett, Henry Preston, B. S., M. S., '02.....Woodbury, N. J.
Bewlay, Henry, B. M. E.....Chicago, Ill.
*Blessing, Charles Albert, B. M. E.....Carrollton.
Bliss, Charlotte Miriam, A. B.....Louisville.
Bradley, Charles Walter, B. M. E.....Norfolk, Va.
Butler, Nannie Etta, B. S.....Lexington.
Craig, William James, A. B.....Owensboro.
Cutler, Frank Garfield, B. M. E., M. E., '04.....Ensley, Ala.
Dabney, Albert Smith, A. B.....Cadiz.
Daugherty, Frank, B. M. E.....Philadelphia, Pa.
Ellis, Nicholas Henry, B. Ped.....Cold Springs.
Gilbert, John Whittington, B. S.....Lawrenceburg.
Gordon, Mary Logan, A. B.....Frankfort.
Hailey, George Hereford, B. C. E.....Springfield, Ill.
*Humphrey, Claude Loecher, B. M. E.....Lexington.
Hunt, Robert Bruce, B. M. E.....St. Augustine, Fla.
Johnson, William Platt, B. Ped.....Paducah.
Jones, Leila Eleanor, B. Ped.....Arlington, Cal.
Kaufman, Philip Levy, B. M. E.....Chicago, Ill.
Klein, Garnet Rosel, B. M. E., M. E., '05.....Avalon, Pa.
Lary, Alleen Pettit, B. S.....Lexington.
Lewis, Charles Dickens, B. Ped.....Berea.
Luten, Drew William, A. B.....Arkadelphia, Ark.
Marshall, Albert Ross, B. S., M. S., '02.....Campton.
Milburn, Frank William, B. M. E., M. E., '04.....Columbus, Miss.
Moore, Thomas Brent, A. B.....New York.
Offutt, Jimmie Morrison, B. S., M. S., '04.....Seattle, Wash.
Pennington, William Lee, B. Ped.....The Ridge.
Perkins, Wade Hampton, B. C. E.....Crab Orchard.
Rankin, Flora Emma, A. B.....Rankin.
Rice, Guy Wickliffe, B. C. E.....Huntington, W. Va.
Richmond, Thomas Logan, B. Agr.....Arlington, Cal.
Seibert, Frank Thomas, B. M. E.....Alamoqordo, N. M.
Sharon, John Albertus, B. Ped.....Richmond.
Shedd, Oliver March, B. S., M. S., '04.....Lexington.
Taylor, Gibson Walker, A. B.....Fredericksburg, Va.
Treas, Charles, B. C. E.....Greenville, Miss.
Webb, William Snyder, B. S., M. S., '02.....Lexington.
West, Perry, B. M. E., M. E., '04.....New York.

*Deceased.

Williams, Ella Campbell, B. S., M. S., '02.....Pineville.

1902.

Barr, Thomas James, B. M. E.....Cannel City.
Berry, Jesse Cecil, B. Ped.....Orlando, Tenn.
Boulware, Lemuel Ford, A. B.....Campbellsburg.
Bowling, Willet Lee, B. M. E.....Los Angeles, Cal.
Campbell, Walter Gilbert, A. B.....Washington, D. C.
Clay, Matthew Martin, B. C. E.....Lexington.
Cox, Spencer Foster, B. M. E.....Philadelphia, Pa.
Crider, Albert Foster, A. B. M. S., '03.....Biloxi, Miss.
Ditto, Leola, B. Ped.....Eminence.
Donan, Daniel Cummins, B. Ped., M. S., '03.....Louisville.
Doyle, Chester Lawrence, B. M. E.....Louisville.
Dunn, Oswald Thorp, B. C. E., C. E., '04.....Louisville.
Evans, Edwin Clinton, B. M. E., M. E., '05.....Syracuse, N. Y.
Ewell, George Watkins, A. B.....Seattle, Wash.
Frazee, George Burbridge, Jr., B. M. E.....Louisville.
Gaither, Morton Williams, B. M. E.....City of Mexico, Mexico.
Grady, Clyde, A. B., A. M., '03.....Smith's Mills.
Hart, William Frederick, B. C. E.....St. Louis, Mo.
Hatfield, Ulysses Grant, B. Ped.....Russell Spring.
Haynes, Robert, B. Ped.....Capiz, P. I.
Hoeing, Howard Aubrey, B. M. E., M. E., '05.....Milwaukee, Wis.
Hoeing, Wallace, B. M. E., M. E., '05.....Louisville.
Hughes, William Neal, B. C. E.....Washington, D. C.
Humphrey, Hubert Lee, B. M. E.....Cleveland, Ohio.
Jackson, John Hunt, B. Ped.....New Columbus.
Jett, Charles Mills, B. M. E.....Minneapolis, Minn.
Jones, Theodore Tolman, A. B., A. M., '03.....Lexington.
Kehoe, John Hickey, B. M. E.....Rawhide, Nev.
Lawhorn, Jesse Sherman, B. Ped.....Middleburg.
Lyne, William B., B. M. E.....Oshkosh, Wis.
Maddox, David Campbell, A. B.....Hickman.
Martin, Lewis Wynn, B. M. E., M. E., '05.....St. Louis, Mo.
Mason, Glenn Frank, B. S., M. S., '03.....Avalon, Pa.
McDonald, Samuel Gilbert, B. Agr.....New Castle.
Moorman, Robert Emmett, B. C. E.....Glendeane.
Pulverman, William Edward, B. M. E., M. E., '05.Philadelphia, Pa.
Scott, Wellington F., A. B.....Lexington.
Smith, Chester Martin, B. M. E.....Chicago, Ill.
Smith, Orville Francis, B. C. E.....Phoenixville, Pa.
Stoner, John Lee, B. C. E.....Pikeville.
Sumner, Herman, B. M. E.....Greenville.
Taylor, Flemin Coffee, B. M. E., M. E., '05.....Ensley, Ala.
Taylor, Lewis Nelson, B. S.....Somerset.
Threlkeld, Lal Duncan, A. B.....Paducah.
Uppington, George Paul, B. M. E.....Boston, Mass.
Warnock, Thomas Edwin, B. M. E., M. E., '03.....Janesville, Wis.
Williams, Cora, B. Ped.....Bellevue.
Wilson, Richard Napoleon, B. M. E.....Lansing, Mich.

1903.

Austin, Mary Wickliffe, A. B.....Paris.
Barkley, George LaRue, B. M. E.....Springfield, Ill.
Bradford, Homer Theodore, B. M. E.....Falmouth.
Brown, John Edwin, B. Agr.....Shelbyville.
Bullock, Barry, A. B.....Lexington.
Chorn, Sarah Marshall, A. B., A. M., '05.....Lexington.
Cutler, Thomas Henry, B. M. E.....Gary, Ind.
Ellis, Richard Washington, B. M., M. E., '06.....Brooklyn, N. Y.
Elvove, Elias, B. S., M. S., '04.....Pittsburg, Pa.
Evans, Frederick Huston, B. M. E., M. E., '06.....Peoria, Ill.
Finneran ,James Cornelius, B. M. E.....New Orleans, La.
Finneran, Thomas Francis, B. C. E.....Midway.
Gaither, Edward Basil, B. M. E.....City of Mexico, Mexico.
Galloway, Clarence Albert, A. B.....Independence, Mo.
Hamilton, Lloyd Logan, B. M. E.....Minneapolis, Minn.
*Hancock, Mason Wallace, A. B.....Columbia.
Heaton, Herman Creel, B. M. E., M. E., '05.....Chicago, Ill.
Higgins, Lucy Joseph, A. B.....Louisville.
Hutchings, John Bacon, B. C. E.....Louisville.
Kelly, Edwin Owen Guerrant, B. S., M. S., '04..Manhattan, Kan.
Lancaster, John Ralph, B. M. E.....Cleveland, Ohio.
Lyle, Cornelius Railey, B. M. E.....Pittsburg, Pa.
Marks, William Mathews, B. M. E.....Charlotte, N. C.
Marshall, Isabella West, A. B.....Lexington.
McKee, Neal Trimble, B. M. E., M. E., '06.....Mt. Sterling.
McLaughlin, Marguerite, A. B.....Lexington.
Miller, Mina Garrard, B. S.....Clarksville, Tenn.
Naive, Miriam Wynter, B. S.....Gary, Ind.
Norvell, Lucy Hargis, A. B.....Carlisle.
Peckinpaugh, Charles Leon, B. C. E.....Sheffield, Ala.
Pence, Alice Courtney, B. S., M. S., '04.....Moorhead, Minn.
Perrine, Charles Duke, B. M. E.....Mercedes, Texas.
Rand, Edward, B. M. E.....San Francisco, Cal.
Render, Fannie Prudence, A. B.....Orlinda, Tenn.
Sadler, Reuben Batson, B. S., M. S., '04.....Wilmore.
Shannon, Bernadette, A. B.....Lexington.
Spencer, Howell Mason, B. M. E.....San Francisco, Cal.
Sprake, Eleanor Hedges, A. B.....Piqua.
*†Tandy, Clarke Howell, A. B.....Lexington.
Thomas, Smith Riley, B. M. E.....Little Rock, Ark.
Thompson, John James, B. M. E.....Cincinnati, Ohio.
Vogt, John Henry Leon, B. M. E.....Stearns.
Whitfield, Nellie Herbert, B. S., M. S., '04.....Lexington.
Whittinghill, Jackson Pate, B. S.....Owensboro.
Whittinghill, Roscoe Timoleon, B. Ped.....Owensboro.
Wurtele, Edward Conrad, A. B.....Shively, Ky.

*Deceased.
†First Kentucky holder of Rhodes Scholarship.

1904.

Arnett, Richard Hood, B. Ped.....Troy.
Austin, Lillian, A. B.....Paris.
Barclay, Robert Hargrave, B. E. M.....Louisville.
Bell, Howard Kerfoot, B. S., B. C. E.....Lexington.
Buford, Nancy Bell, A. B.....New Castle.
Butner, Robert Clarke, B. M. E.....Lexington.
Clo, J. Marry, B. S., M. S., '05.....Charlottesville, Va.
Coleman, Harry Raymond, B. Ped.....Chicago, Ill.
Cremin, Edna Truetta, A. B.....Louisville.
Srutchfield, William Boulden, A. B., A. M., '05.....Lexington.
Denny, Samuel Alfred, B. S.....Madisonville.
Dodson, Marcus Alvin, B. Ped.....Greenwood.
Dowling, Edward Thomas, B. M. E.....Lexington.
Doyle, Martin Augustus, B. M. .....E.....Tompkinsville, N. Y.
Dyer, Orville Kirk, B. M. E.....Buffalo, N. Y.
Freeman, William Edwin, B. M. E.....Lexington.
Fry, Henry Skillman, B. M. E.....Rochester, N. Y.
Gardner, James Henry, B. S., M. S., '06.....Washington, D. C.
Gary, William Edward, B. S.....Louisville.
Gilliland, Eugene, B. M. E.....Cincinnati, Ohio.
Gilmore, Charles Robert, B. S.....Muskogee, Okla.
Gordon, Amos Alvin, B. C. E.....Pottsville, Pa.
Grey, William David, B. C. E.....Louisville.
Gullion, Carroll Hanks, B. M. E., M. E., '06.....Chicago, Ill.
Harding, George Othniel, B. C. E.....Campbellsville.
Hart, Benjamin Robert, B. S., M. S., '07.....Cincinnati, Ohio.
Hart, Margaret Rebecca, A. B.....Pisgah.
Hedges, Fleming Dillard, A. B.....San Rafael, Cal.
Hoagland, Roy Chan, B. S.....Eminence.
House, Beverly Pryor, A. B.....Manchester.
Howard, Styles Trenton, B. M. E.....Clemson College, S. C.
Hunter, Patrick Owen, B. M. E.....Philadelphia, Pa.
Jaeger, Helen Louise ,A. B.....San Diego, Cal.
Jenkins, Alexander Lewis, B. M. E.....Cincinnati, Ohio.
Johnson, Frank Yarbrough, B. M. E.....Savannah, Ga.
Johnston, Hampton Wallace, B. M. E.....Cleveland, Ohio.
Kelly, Walter Pearson, B. S.....Lafayette, Ind.
Lewis, Joseph Graham, B. C. E.....Eugene, Ore.
Madara, Helen Glenn, A. B.....Buffalo, N. Y.
Maguire, Mary Josephine, B. S.....Lexington.
Matlack, Charles Aloysius, B. M. E.....Lexington.
Matthews, John Eve, B. M. E., M. E., '07.....Philadelphia, Pa.
McCann, Sue Dobyns, B. S., M. S., '05.....Lexington.
McCauley, James Simeon, B. M. E.....Atlanta, Ga.
McCaw, Eloise Chesley Hance, B. S.....Hamlet, N. C.
Monson, Bessie Lee, B. Ped.....Anniston, Ala.
Montgomery, Francis, Joseph, A. B..... Manila, P. I.
Nollau, Louis Edward, B. M. E.....Lexington.
Payne, William Campbell, B. S.....Cynthiana.

Peratt, Charles Oscar, A. B.....Paducah.
Pickles, George Wellington, B. C. E.....Springfield, Ill.
Porch, Madison B., B. S.....Bellevue, Pa.
Puckett, Homer, B. C. E.....Milwaukee, Wis.
Ramey, Emerson Everett, B. M. E, M. E., '07.....Oakland, Cal.
Renz, Gertrude, B. S.....Louisvillle.
Rice, Heber Holbrook, B. S.....Huntington, W. Va.
Sandefur, James Franklin, A. B.....Cambridge, Mass.
Schneiter, Frederic Lewis, B. C. E.....Evansville, Ind.
*Schultz, Elmer Wilkerson, A. B.....Lexington.
Shelby, John Craig, A. B.....Lexington.
Shobe, William Merritt, B. Agr.....Salem, N. J.
Smedley, Sarah Cleveland, A. B.....Lexington.
Smith, Claude Robert, B. S.....Elizabethtown.
Smith, Thomas Marshall, B. S., M. S., '05.....Cynthiana.
Stackhouse, Clifton Carr, B. M. E.....Ensley, Ala.
*St. John, Claire Porter, B. M. E.....Brooklyn, N. Y.
Thurman, Zella Mae, B. S.....Somerset.
Tucker, Nannie Susan, A. B.....Maysville.
Vaughn, Earl Cleveland, A. B.....Lexington.
Warder, William Henry, B. C. E.....Glasgow.
Ware, Cornelius, B. Ped.....Pulaski.
Wilkie, Margaret Donald Erskine, B. S., A. B., M. S., '05...
Lexington.
Wilson, George Hancock, B. S.....Lexington.
Wurtele, Henry Joseph, B. C. E.....Gary, Ind.

1905.

Adamson, Keith Frazee, B. M. E.....Philadelphia, Pa.
Akin, Allison, B. M. E.....New York City.
Amoss, Harold Lindsay, B. S., M. S., '07.....Washington, D. C.
Baumgarten, Louis Erwin, B. M. E.....Ensley, Ala.
Bickel, Charles Alfred, B. M. E.....Milwaukee, Wis.
Brashear, Sue Ashbrook, A. B.....Cynthiana.
Bryan, Ruth Mitchell, A. B.....Lexington.
Burtt, Wilson Bryant, B. C., C. E., '06.....Philippine Islands.
Campbell, Marion, B. S.....Louisville.
Cline, Edgar Allen, B. M. E.....Kansas City, Mo.
Coons, Joseph Morrison, B. C. E.....Mt. Sterling.
Darnall, Frank Kendrick, B. M. E.....Wilkinsburg, Pa.
Dietrich, Karl Lander, B. M. E.....Milton, Pa.
Drake, Jimmie, A. B.....Okena, Okla.
Edwards, Harry Griswold, B. M. E.....Schenectady, N. Y.
Eubank, Walter Pendleton, B. C. E.....Glasgow, Ky.
Gfroerer, Fannye Rosalie, B. S.....Louisville.
Gilbert, George Hubbard, B. M. E.....Chicago, Ill.
Grady, William Henry, B. M. E.....Indianapolis, Ind.
Ham, Clarence Walker, B. M. E.....Ithaca, N. Y.
Haynes, Chastain Wilson, B. S.....Marion.
Ingels, Howard Payne, B. M. E.....New York City.

*Deceased.

Johnston, Fayette, B. M. E.....Lexington.
Kelly, William Cobb, B. C. E.....Bloomington, Ill.
Kroell, Oscar Robert, B. M. E.....Lexington.
Layson, William George, B. M. E.....Indianapolis, Ind.
Morris, Stewart Minor, B. M. E.....Anaconda, Mont.
Murphy, Ernest James, A. B.....Antequera, Bohol, P. I.
Murrell, Artemus, Delig, B. M. E.....St. Louis, Mo.
Ogg, Grace, Truman, A. B.....Mt. Sterling.
Owens, Charles Beland, B. M. E.....Berwick, Pa.
Payne, William Johnson, B. M. E.....Philadelphia, Pa.
Pierce, Claude Stone, A. B.....Aparri, P. I.
Pope, Henry B., B. E. M., E. M., '06.....Brooks.
Powell, Max West, B. M. E.....Springfield.
Prather, Harry Logan, B. M. E.....Pinole, Cal.
Ransom, Edward Rogers, B. Agr.....Blandville.
Roberts, Virgil Dick, B. M. E.....Hamburg, Ark.
Rogers, Anna Gist, A. B.....Toyhoule, Texas.
Schoene, William J., B. Agr.....Geneva, N. Y.
Scholtz, Herman Frederick, B. C. E.....Louisville.
Shipp, Joel Fithian, B. M. E.....Atlanta, Ga.
Sprake, James Breckinridge, B. M. E.....Iowa City, Iowa.
Stiles, Elijah Bland, B. C. E.....Springfield, Ill.
Thomas, Bennett, B. M. E.....Lexington.
Tomlinson, Hugh Joseph, B. M. E.....Toledo, Ohio.
Tye, Rachel, A. B.....Williamsburg.
Urmston, Henry Howard, B. M. E.....Ames, Iowa.
Wallis, Charles Reese, B. M. E.....Schenectady, N. Y.
Walsh, Robert Bright, A. B.....Heidelberg, Germany.
Wathen, Sallyneill, B. S.....Louisville.
Weaver, Walter Simeon, B. Agr.....Lancaster, Ky.
Webb, Elzie, B. C. E.....Covington.
Werness, Inga Marie, B. S.....Louisville.
West, Howard Murphy, B. M. E.....New York City.
Woerner, Emma Josephine, B. S.....Louisville.
Wood, Hugh Nelson, B. C. E.....Hopkinsville.
Woosley, Herman Cassidy, B. Agr.....Lexington.
Wright, Charles Roy, B. C. E.....Stanford.

1906.

Allen, David Hugh, B. M. E.....Beloit, Wis.
Baxter, William Jefferson, A. B.....Logana.
Bogard, Frank, B. M. E.....Clemson College, S. C.
Brown, Llewellyn Chauncey, B. M. E.....Riverside, Ill.
Bryan, Daniel Boone, B. M. E.....Cincinnati, Ohio.
Cartwright, Coleman Clyde, B. C. E.....Louisville.
Chinn, Alexander Julian, B. M. E.....Buffalo, N. Y.
*Cle, Nelson Lewis, B. M. E.....Science Hill.
Darling, Henry Bosworth, B. M. E.....Chattanooga, Tenn.
Downing, William Franklin, B. M. E.....Geogetown.
Dragoo, Robert Estill, B. M. E.....Lexington.

Du Valle, Rankin Powers, B. C. E.....Barren Fork.
Edmonds, George Peck, B. M. E.....Lebanon.
Freeman, Thomas Willmott, B. M. E.....Seattle, Wash.
Goggin, Bessie Engleman, B. S.....Somerset.
Gough, Achilles Calloway, B. M. E.....Ames ,Iowa.
Gregory, Mary Cottell, A. B.....Louisville.
Hamilton, James Clay, B. M. E.....Boston, Mass.
Harper, Joseph Nelson, M. S.....Clemson College, S. C.
Hedges, Charles Cleveland, B. S.....Ithaca, N. Y.
Hopgood, Roy Caldwell, B. M. E.....Chicago, Ill.
Hopson, Katherine Temple, A. B.....Lexington.
Hutchcraft, Lucy Keller, A. B.....Lexington.
Jones, Sadocie Connellee, B. Agr.....Urbana, Ill.
Kelly, Edward Patrick, A. B.....Richmond.
Kemper, William Priest, B. C. E.....Mt. Sterling.
Lancaster, Charles Prentice, B. C. E.....Paris.
Lancaster, John Wilbur, B. Ped.....Josephine.
Lewis, Alexander Thornton, B. M. E.....New York City.
Magee, Wallace Hopkins, B. M. E.....Indianapolis, Ind.
Mahan, Fred Coyt, B. M. E.....Manila, P. I.
Mahoney. Margaret Elizabeth, B. S.....Leitchfield.
McClelland, Byron, B. S.....Newark, N. J.
McCulloch, Eugenia Susan, B. S.....Louisville.
McDowell, Omer, B. M. E.....Hugo, Okla.
McHargue, James Spencer, B. S.....Lexington.
McPherson, Charles Jarrett, B. M. E.....Philadelphia, Pa.
Montgomery, George Carter, B. M. E.....Kansas City, Mo.
Moore, Henry Ray, B. M. E.....Chicago, Ill.
Newman, James Cleveland, B. M. E.....Norfolk, Va.
Nisbet, James Clarence, B. C. E.....Providence.
Nunnelley, Eva May, A. B.....Lexington.
Paddison, George Lucas, A. M.....Oxford, Miss.
Rankin, French Warder, B. M. E.....Beloit, Wis.
Read, Henry English, B. M. E.....Hodgenville.
Riefkin, Philip, B. M. E.....Washington, D. C.
Robinson, Herman Clayton, B. M. E.....Riverside, Ill.
Rogers, James Dell, B. C. E.....Cannonsburg, Pa.
Scott, Henry Skillman, B. M. E.....Bement, Ill.
Scott, Mary Estill, B. S.....Pineville.
Scrugham, Mary, A. B.....Lexington.
Sellman, Frank Raymond, B. M. E.....San Francisco, Cal.
Smith, Maxwell Waide, B. C. E.....Little Rock, Ark.
Stevens, Harold Edwin, B. Agr.....Manila, P. I.
Sweeney, Mary E., M. S.....Lexington.
Taylor, Hugh Wilbur, B. Agr.....Carlisle, Pa.
Terrell, Robert Craig, B. C. E.....Lexington.
Trice, John Buckner, B. M. E.....Schenectady, N. Y.
Volkman, Alice, A. B.....Louisville.
Wallis, Anna, A. B.....Lexington.
Warren, Joseph Evans, B. S.....Lexington.

Weir, Fanny, A. B.....Louisville.
Wendt, Wiley, B. C. E.....Lansing, Mich.
Whitlock, Albert Newlon, A. B.....Cambridge, Mass.
Wiley, Rodman, B. C. E.....Orville, Cal.
Wilkie, Florence, A. B.....Ludlow.
Wilson, Horace Hildebrand, B. M. E.....Berwick, Pa.

1907.

Acker, Robert Lewis, B. C. E.....Wendling, Ore.
Alexander, Josie McCoun, A. B.....Paris.
Allan, John Griffin, B. C. E.....Arno, Texas.
Ammerman, John Roger, B. M. E.....Manila, P. I.
Baer, Stanley T., B. C. E.....Louisville.
Bagby, Mary Logan, A. B.....Camden Point, Mo.
Boggess, Louis Sterling, B. C. E.....Lawrenceburg.
Branson, Don Pedro, B. S. in Agr.....Manila, P. I.
Brown, William Waters, B. C. E.....Ensley, Ala.
Carmody, Catherine Gertrude, A. B.....Mt. Sterling.
Carse, Robert Allen, B. M. E.....Berwick, Pa.
Coleman, Samuel Boin, B. C. E.....Butte, Mont.
Craig, Berrywick Staley, B. M. E.....Schenectady, N. Y.
Cram, Ambrose Byrd, B. C. E.....Brazil, S. A.
Crawley, Alice Lyle, A. B.....Louisville.
Crenshaw, Anne Scott, A. B.....Versailles.
Denham, Ernest Meyers, B. C. E.....Jellico, Tenn.
Dodd, Daniel Jackson, B. C. E.....Chicago, Ill.
Donan, Arthur Liston, B. C. E.....Ambridge, Pa.
Edgar, Graham, B. S.....Lexington.
Estill, David Chenault, B. M. E.....Lynn, Mass.
Farrell, Walter Augustus, B. M. E.....Cincinnati, Ohio.
Fish, Clarence Beauchamp, B. Ped.....Baltimore, Md.
Gordon, Flora McPheeters, A. B.....Barboursville.
Gunwell, Paul Clifton, B. M. E.....Washington, D. C.
Hamilton, William Shacklette, A. B.....Lexington.
Hart, Robet Singleton, A. B.....Pisgah.
Herman, Joseph George, B. C. E.....Chicago, Ill.
Hillenmeyer, Louis Edward, B. S. in Agr.....Lexington.
Howard, Guylie Benton, B. M. E.....Rockvale.
Karsner, Albert Sharkey, B. C. E.....Chicago, Ill.
Kirby, Augustus Montillmon, A. B.....Manila, P. I.
Kornfeld, Louise Marie, B. S.....Louisville.
Lawson. Fayette Hewitt, B. M. E.....Chicago, Ill.
Lazarus, Goldye Theo., B. S.....Louisville.
Letton, James Harvey, B. C. E.....Abingdon, Va.
Lewis, Leo Logan, B. M. E.....Lexington.
Lewis, Viola Cosby, A. B.....Louisville.
Lockridge, Mary Andrew, A. B.....Mt. Sterling.
Maddocks, Florence May, B. S.....Clarksville, Tenn.
Madison, James Talbot, B. C. E.....Hollywood, Miss.
Mahan, Charles Alfred, B. S. Agr., M. S., '08.....Manila, P. I.
Martin, Sadie Spears, A. B.....Visalia.

McClelland, Thomas Brown, A. B.....Lexington.
McKinney, Walter, B. C. E.....Hamburg, Ark.
Nicholls, William Durrett, B. S. in Agr.....Lexington.
Ott, Thomas Foreman, B. S.....Georgetown.
Parrish, Charles Swift, A. B.....Lexington.
Paullin, Frank Chester, B. C. E.....Springfield, Ill.
Rankin, Fred Jones, B. M. E.....Lynn, Mass.
Rees, Elijah Latham, B. C. E., C. E., '08.....Lexington.
Rule, Perrin, B. M. E.....Chicago, Ill.
Scearce, George Gwin, B. S.....Frankfort.
Scherffius, Benjamin Franklin, B. Agr.....Lexington.
Schoene, Charles Edgar, B. M. E.....Lexington.
Shannon, Philip Francis, B. C. E.....Lexington.
Smith, Ina Kay, A. B.....Lexington.
Spears, Howell Davis, B. S.....Lexington.
Sprague, Joseph Miles, B. M. E.....Ensley, Ala.
Stigers, James Francis, B. C. E.....Paragould, Ark.
Stiles, Mildred, A. B.....Pasadena, Cal.
Strachan, George Morrise, B. C. E.....Louisville.
Sumner, Gordon, B. C. E.....Bevier, Pa.
Thomas, John William, B. M. E.....Georgetown.
Thorne, James Webstein, B. M. E.....Schenectady, N. Y.
Towery, Beverly Todd, A. B.....Cambridge, Mass.
Wallis, Elizabeth Ward, B. S.....Bardstown.
Webster, Margaret Butler, A. B.....Louisville.
Woodward, William Drane, B. C. E.....Beaver Dam.
Yager, John Joel, B. M. E.....Bpffalo, N. Y.

1908.

Alden, William Oliver, B. C. E.....Petersburg.
Allen, Lutie Darrall, A. B.....Lexington.
Babbage, Arthur Wallace, A. B.....Cloverport.
Battaile, James Frank, B. M. E.....Lexington.
Beaumont, Arthur Bishop, B. S.....Mayfield.
Becker, Theodore, B. M. E.....Chicago, Ill.
Bell, Benjamin Duncan, B. C. E.....Nicholasville.
Bennett, Benjamin Warfield, B. M. E.....Detroit, Mich.
Bogard, George Taylor, B. M. E.....Richmond.
Bowden, Aberdeen Orlando, A. B.....Sedalia.
Bowlds, Fleming, Education.....Lexington.
Boyd, Hattie Elizabeth, A. B.....Louisville.
Brewer, Bruce Elder, B. S. Agr.....Williamstown.
Brewer, Leo, A. B.....Mayfield.
Browning, John Keith, B. M. E.....Maysville.
Bryant, Thomas Ripley, B. S. Agr.....Eminence.
Buckner, Ella Simpson, A. B.....Lexington.
Buckner, Garrett Davis, B. S.....Lexington.
Carter, Sarah McEachin, A. B.....Lexington.
Chinn, Aubyn, A. B.....Frankfort.
Corneilson, Hubert LeGrand, B. M. E.....West Lafayette, Ind.
Craft, Morgan Tennyson, A. B.....London.

Crowder, Margaret Lee, A. B.....Sinai.
Curtis, James Stewart, B. M. E.....Beloit, Wis.
Dean, Willis Johnson, B. C. E.....Owensboro.
Denham, Newton Randolph, B. M. E.....Williamsburg.
Downing, Harold Hardesty, B. C. E.....Lexington.
Earle, Irlie Benjamin, B. C. E.....Madisonville.
Elam, Arthur Matthew, B. M. E.....Champaign, Ill.
Frost, Minnie Carfield, A. B.....Louisville.
Galloway, Clinton Robert, B. M. E.....Redwood Falls, Minn.
Graham, Frank Heber, B. M. E.....Chicago, Ill.
Grannis, James Kidwell, B. C. E.....Flemingsburg.
Green, Warren Thornton, B. M. E.....Louisville.
Guerrant, Russell Hamilton, B. M. E.....Wilmore.
Hamilton, Wm. P. Browning, B. M. E.....Lexington.
Hanna, Aline Guthrie, A. B.....Lexington.
Haynes, Louise Sarah, A. B.....Indianapolis, Ind.
Herring, Henry Lemuel, B. M. E.....Oakville.
Holland, Reuben Miller, A. B.....Whiteville.
Howerton, Thomas McC., B.C.E.....Shelbyville.
Kiesel, Walter Christian, B. M. E.....Chicago, Ill.
Kelley, Cott C., B. C. E.....Hickory Flat.
Kirk, Estill, B. C. E.....Philpot.
Kirk, Maurice Cushman, B. C. E.....Maysville.
Leigh, Florence Bascom, A. B.....Little Rock, Ark.
McCandless, Helen, A. B.....Louisville.
McCorkle, Graham King, B. M. E.....Chicago, Ill.
McPherson, Robert Lee, Education.....Somerset.
Martin, Grace Lee, A. B.....Lexington.
Mathews, Wm. Chamberlain, B. M. E..... Beloit, Wis.
Metzler, Daniel, B. M. E.....Louisville.
Muncy, Victor Emanuel, B. M. E.....Cincinnati, Ohio.
Newberger, Wallace, B. M. E.....Louisville.
Oldham, Edwin Bronston, B. M. E.....Chattanooga, Tenn.
Pence, Christina, A. B.....Lexington.
Penrod, Alphon, B. M. E.....Chicago, Ill.
Piper, Mary Hammond, A. B.....Lexington.
Pogue, Joseph Latham, B. M. E.....Ensley, Ala.
Porter, Colton Alexander, B. M. E.....Ely, Minn.
Poynter, Arthur Lawrence, B. M. E.....Louisville.
Rice, Clayton Jefferson, B. C. E.....Greenville.
Rodes, William, B. S.....Lexington.
Roswell, Charles Miller, B. M. E.....Cincinnati, Ohio.
Schultz, Oscar Lewis, B. C. E.....Hartford.
Shaw, Lillian Belle, A. B.....Jetts
Shelby, William W., Jr., B. M. E.....Henderson.
Smiley, Proctor Knott, B. M. E.....Catlettsburg.
Smith, Milton Sears, B. M. E.....Bpffalo, N. Y.
Stone, Neville Earle, B. C. E.....Hopkinsville.
Sweeney, Sunshine, A. B.....Lexington.
Taylor, Guy Baker, B. S.....Lexington.

Walker, Madie Lee, A. B.....Lexington.
Wanless, Margaret Jane, A. B.....Louisville.
Watson, James Saffet, B. C. E.....Lexington.
Wells, Emery, B. C. E.....Lexington.
Wheat, Frank Merrill, B. S.....Williamsburg.
Wilnoit, Arza Lytle, B. M. E.....Lexington.
Wilkes, Francis Marshall, B. M. E.....Chicago, Ill.
Wilson, James Morrison, B. C. E.....Louisville.
Yates, Howard Clifford, A. B.....Covington.

REGISTER OF STUDENTS

Post Graduates.

Alexander, Josie, A. B..... Paris.
Beaumont, Arthur Bishop, B. S..... Mayfield.
Downing, Harold Hardesty, B. C, E..... Lexington
Hanna, Aline Guthrie, A. B..... Lexington.
Hart, Robert Singleton, Jr., A. B..... Pisgah.
McClelland, Thomas Brown, A. B..... Lexington.
Pence, Christina, A. B..... Lexington.
Shelby, William Washington, B. E. M..... Henderson.
Taylor, Gibson Walker, A. B..... Henderson.
Taylor, Guy Baker, B. S..... Lexington.
Wendt, Wylie Brodbeck, B. C. E.....Lansing, Mich.

Seniors.

Akers, Mary Elizabeth.....Arts ..... Lexington.
Akers, Susan Gray.....Arts ..... Lexington.
Bennett, Clarence Sanson.....Mech. Eng. ..... Narrows.
Bennett, Edgar .....Mech. Eng. ..... Basin Spring.
Bewlay, Willard Crawford.....Mech. Eng. ..... Lexington.
Blumenthal, Philip Lee.....Science ..... Lexington.
Browning, George Francis.....Mech. Eng. ..... Lewisburg.
Cannon, Harry Sharp.....Arts ..... Nicholasville.
Carroll, Tarlton Combs.....Arts ..... Louisville.
Caudill, Stephen Emory.....Civ. Eng. ..... Whitesburg.
Chambers, James Floyd.....Civ. Eng. ..... Owensboro.
Chisholm, Otho Balfour.....Agriculture.....Campbellsville.
Cook, Holton .....Civ. Eng. ..... Murray.
Crawford, Andrew Jackson.....Mech. Eng. ..... Georgetown.
Crosthwaite, John Scearce.....Arts ..... Lexington.
Daugherty, Helen Lucille.....Arts ..... Paris
Davis, Harry Arnold.....Science ..... Maysville.
Eifort, Harry Earl.....Mech. Eng. ..... Ashland.
Ellis, Cecil Byrnes.....Arts ..... Tracy.
Garvin, Cecil Clement.....Civ. Eng. ..... Olive Hill.
Glass, Rhoda Virginia.....Arts ..... Lexington.
Haff, Robert Schuyler.....Civ. Eng. ..... Frankfort.
Hardesty, Lizzie Belle.....Science ..... Muir.
Harp, David William.....Civ. Eng. ..... Herford, Texas.
Harrison, Erbie Lee..... Arts ..... Glasgow
Hinesley, Pearl Russell.....Arts ..... Louisville.
Horine, Ernest England.....Mech. Eng. ..... Nicholasville.
Horine, John Sherman.....Mech. Eng. ..... Nicholasville.
Hudgins, Thomas Frederick....Mech. Eng. ..... Olive Hill.
Hudson, William Edward.....Min. Eng. ..... Bowling Green.

Isaacs, Edith Jeannette.....Science ..... Louisville.
Jablow, Charles.....Mech. Eng. ..... Louisville.
Johns, Charles Ashby.....Mech. Eng.....Pittsburg, Kan.
Kaufman, Sara Rachel.....Science ..... Lexington.
Lowry, Hiter H., Jr.....Mech. Eng. ..... Nicholasville.
Luten, Inez Ware.....Arts ..... Hickman
Maddox, Robert Lytton.....Arts ..... Mayfield.
Marks, Lewis Thornton.....Mech. Eng. ..... Versailles.
Mathers, Albert Merion.....Mech. Eng. ..... Carlisle.
Moore, Virgil Yandell.....Arts ..... Marion
Neblett, Patrick Henry.....Arts ..... Turner's Station.
Neighbors, Jesse Thomas.....Mech. Eng. ..... Glendale.
Orr, Thomas James.....Mech. Eng. ..... Princeton.
Parrish, Charles Swift.....Mech. Eng. ..... Lexington.
Perkins, Charles Richard.....Mech. Eng. ..... Covington.
Perrine, Emmett Burgess.....Mech. Eng. ..... Maysville.
Raney, Murray.....Mech. Eng. ..... Carrollton.
Rankin, Harry Lee.....Civ. Eng. ..... Monticello.
Rapier, Stephen Augustus.....Mech. Eng. ..... Bardstown.
Reddish, William Dandridge....Science ..... Somerset.
Reidel, Gus B.....Mech. Eng....Los Angeles, Cal.
Robinson, James Russell.....Arts ..... London
Rodes, Mary McEachin.....Arts ..... Lexington.
Sanders, Hugh Berkley.....Science ..... Louisville.
Scott, George Thomas.....Agriculture ..... Madisonville.
Shankland, Marshall Wood.....Civ. Eng. ..... Lexington.
Shelby, William Washington....Civ. Eng. ..... Henderson.
Smarr, Roy Whittaker.....Civ. Eng. ..... Brooksville.
Stackhouse, William Owsley....Arts ..... Lexington.
Stout, Benj. Ellis Warren.....Civ. Eng. ..... Owensboro.
Talbott, Daniel Cline.....Mech. Eng. ..... N. Middletown.
Taylor, Newton Stout.....Mech. Eng. ..... Carlisle.
Taylor, Harry Edward.....Min. Eng.....Crawford, Tenn.
Tigert, John James.....Mech. Eng. ..... Louisville.
Townsend, Hal Eubank.....Mech. Eng.....Bowling Green.
Troll, Ivy Marie.....Science ..... Louisville.
Tucker, Frederick Harvey.....Science ..... Madisonville.
Wallace, Leonard DeLong.....Arts ..... Lexington.
Wells, Charles D.....Civ. Eng. ..... Bloomfield.
White, Charles.....Mech. Eng. ..... Warsaw.
Wilson, Benjamin Dunbar.....Science ..... Lexington.
Yankey, Andrew George.....Civ. Eng. ..... Springfield.

Juniors.

Adams, Robert William.....Science ..... Henderson.
Allison, Leonidas Metcalfe.....Civ. Eng. ..... Carlise.
Ammerman, Edward Clifton.....Mech. Eng. ..... Cynthiana.
Atkins, Robert Ryland.....Min. Eng. ..... Lexington.
Barbee, Richard Carroll.....Civ. Eng. ..... Lexington.
Barker, Richard McLean.....Civ. Eng. ..... Adairville.

Becker, George.....Agriculture ..... Louisville.
Blakemore, Page Blanton.....Min. Eng. ..... Hopkinsville.
Bridges, Leonard Cabell.....Mech. Eng...Stamping Grounds.
Brown, Lawrence Edward.....Mech. Eng. ..... Somerset.
Campbell, John.....Mech. Eng. ..... Butler.
Cassady, Marietta Finley.....Arts ..... Versailles.
Cawood, Frank Finley.....Civ. Eng. ..... Cawood.
Clark, William Frederick.....Mech. Eng.....Carthage, Mo.
Coons, William Lester.....Civ. Eng. ..... Lexington.
Cornish, William Redmon.....Mech. Eng....Birmingham, Ala.
Crafton, Milton C.....Civ. Eng. ..... Henderson.
Cram, Royalston Haywood.....Mech. Eng. ..... Williamstown.
Crawford, Tarleton Wade.....Mech. Eng.....Lynn Grove.
Crowder, Florence.....Arts ..... Sinai.
Curtis, John James.....Mech. Eng. ..... Greendale.
Dawson, John Stanley.....Mech. Eng. ..... Bloomfield.
Dorman, James Cardwell.....Mech. Eng. ..... Nicholasville.
Douglas, Ernest Thompson.....Mech. Eng. ..... Owenton.
Eastwood, George Robert.....Agriculture ..... Madisonville.
Elliott, Alvin Clarence.....Education ..... Eubank.
Estes, Jordon Grove.....Civ. Eng. ..... Lebanon.
Ewan, Avery Early.....Agriculture ..... Helena.
Fleming, Rubye Ringo.....Arts ..... Hickman.
Fox, Walter Cuthbert.....Civ. Eng. ..... Newport.
Frankel, Monroe Jacob.....Mech. Eng. ..... Louisville.
Garman, Frederick.. .....Science ..... Lexington.
Garvin, John St. Clair.....Mech. Eng.....Olive Hill.
Graham, Lawrence B.....Civ. Eng.....Bowling Green.
Hall, James Henry.....Mech. Eng. ..... Lexington.
Hayden, Mary Elizabeth.....Arts ..... Lewisport.
Hays, Thomas Hercules.....Mech. Eng. ..... Versailles.
Hibler, Jessie Fithian.....Education ..... Paris.
Horine, Irving.....Mech. Eng. ..... Nicholasville.
Hudson, Halcomb.....Arts ..... Lexington.
Hughes, Joseph Irvine Craig...Mech. Eng. ..... Versailles.
Hutchcraft, David Keller.....Mech. Eng. ..... Lexington.
Irvin, Oscar William.....Science ..... Greenville.
Jones, Lida.....Science ..... Lexington.
Kuebler, Chester Arthur.....Mech. Eng. ..... Louisville.
Lewis, Edward Huhg.....Civ. Eng.....College Hill.
Logan, Ben Harrison.....Mech. Eng. ..... Trenton.
Logan, Dulaney.....Mech. Eng.....Bowling Green.
Lowry, Robert Alexander.....Min. Eng. ..... Catlettsburg.
Lusk, Joseph Sherwood.....Civ. Eng. ..... Dayton.
McCarrall, Charles.....Min. Eng. ..... Hopkinsville
Marshall, Sarah Rosetter.....Arts ..... Lexington.
Mayhall, Russell Collins.....Mech. Eng. ..... Frankfort.
Miller, Humphrey.....Mech. Eng.....New Hope.
Mills, George Pemberton.....Mech. Eng. ..... Lexington.
Mills, Grover Cleveland.....Mech. Eng. ..... Kenton.

Mosby, William Eugene	Civ. Eng.	Bardwell.
Nelson, Harry Andrew	Civ. Eng.	Uniontown.
O'Roark, Lauren Snyder	Mech. Eng.	Cannel City.
Paynter, Walker Burton	Mech. Eng.	Lawrenceburg.
Pence, Mary Belle	Arts	Lexington.
Post, Shelby	Civ. Eng	Kingston, N. Y.
Rembold, Elmer Lewis	Science	Owensboro.
Riefkin, Jacob B	Mech. Eng.	Newport.
Robertson, Isaac William	Science	Smithland.
Robinson, Benjamin Franklin	Civ. Eng.	Lexington.
Ryan, Charles Obie	Arts	Monticello.
Schoene, Katherine	Science	Henderson.
Shanklin, Shelby	Mech. Eng.	Lexington.
Shelby, Joseph Bryan	Mech. Eng.	Lexington.
Shuff, Evans Layton	Mech. Eng.	Georgetown.
Sisco, Pope	Mech. Eng.	Bardstown.
Slade, Theodore	Mech. Eng.	Lexington.
Smith, Hal Walker	Civ. Eng.	Henderson.
Stivers, Sherman Harry	Civ. Eng.	Paris.
Strong, Robert Guthrie	Science	Louisville.
Terrell, Daniel Voiers	Civ. Eng.	Bedford.
Waller James William	Civ. Eng.	Paris.
Warren, Thomas Philip	Civ. Eng.	Lexington.
Webb, Erle Benton	Arts	Willard.
Wells, Frank Thomas	Mech. Eng.	Bloomfield.
Wilcox, John Henry	Arts	Elkin.
Wilhoit, John	Mech. Eng.	Versailles.
Wilson, Homer	Arts	Lexington.
Wilson, Robert Clyde	Mech. Eng.	Lexington.
Winston, Algernon Sidney	Civ. Eng.	Sturgis.

Sophomores.

Adams, Lois Litsey	Mech. Eng.	Harrodsburg.
Aulick, Ollie Spurgeon	Civ. Eng.	Georgetown.
Babb, Harvey Arthur	Education	Providence.
Bain, Charles Kremer	Min. Eng.	Lexington.
Baird, Obed Elmo	Education	Utica.
Ball, Arthur Carlton	Agriculture	Millersburg.
Barrows, Willard Dante	Civ. Eng.	Dixon.
Bateman, Roy Atkins	Mech. Eng.	Bradfordsville.
Beatty, Thomas Elmer	Mech. Eng.	Smithfield.
Boyd, James Alfred	Mech. Eng.	Cave City.
Brownfield, Wyatt	Civ. Eng.	Elizabethtown.
Bruner, Jacob Franklin	Education	Whitesville.
Carr, Havaland	Science	Claysville.
Carr, Ophelia Smith Todd	Education	Lexington.
Cary, James White	Mech. Eng.	Versailles.
Cary, Mattie Virginia	Arts	Versailles.
Cash, Richard Turner	Civ. Eng.	Elizabethtown.
Cassidy, Perry Rogan	Mech. Eng.	Lexington.

Cleveland, Minor Armenius	Mech. Eng.	Falmouth.
Clugston, William George	Arts	Lexington.
Collings, Benjamin Hays	Civ. Eng.	Lebanon Junction.
Daniel, Charles Elwood	Mech. Eng.	Hazel Green.
Day, Oscar Lee	Mech. Eng.	St. Matthews.
Denham, Clarence Wilder	Civ. Eng.	Williamsburg.
Downing, Virgil Leonard	Mech. Eng.	Lexington.
Duncan, Wallace Clifton	Mech. Eng.	Springfield.
Dunlap, George Green	Civ. Eng.	Dry Ridge.
Ebbert, Sprigg Case	Mech. Eng.	Covington.
Ensminger, Robert Fulton	Mech. Eng.	Harrodsburg.
Edwards, Richard Alexander	Education	Lynnville.
Ferguson, Lillian Terry	Science	LaCentre.
Fields, John Smarr	Mech. Eng.	Brooksville.
Fitzpatrick, John James	Mech. Eng.	Liberty.
Foster, John Milton	Mech. Eng.	Richmond.
Francis, Paul	Min. Eng.	Red Ash.
Garrett, John Wilmore	Mech. Eng.	Fort Garrett.
Giltner, James Bristow	Mech. Eng.	Carrollton.
Grimes, John Frank	Civ. Eng.	Lexington.
Hailey, Robert Mockbee	Civ. Eng.	Paducah.
Harn, Walter Andrew	Civ. Eng.	Lexington.
Haswell, Arthur Board	Mech. Eng.	Hardinsburg.
Hedges, Henry Berkley	Mech. Eng.	Lexington.
Hendrickson, George Matt	Mech. Eng.	Nicholasville.
Hollar, Orie Willard	Mech. Eng.	Paris.
Hollaway, Phil Rarick	Mech. Eng.	Nicholasville.
Hubbard, Alpha	Arts	Hubbard.
Hughes, Frances Cleveland	Education	Lexington.
Jenkins, Troy	Agriculture	Mayfield.
Johnson, Marion Gilbert	Science	Lawrenceburg.
Johnston, William Thomas, Jr.	Mech. Eng.	Newport.
Jones, Roger Walter, Jr.	Mech. Eng.	Lexington.
Korfhage, Harry George	Mech. Eng.	Louisville.
Karn, Fred Stone	Mech. Eng.	Owensboro.
Kohn, Emanuel	Mech. Eng.	Louisville.
Kridler, George Matthew	Mech. Eng.	Somerset.
Lewis, James Otis	Education	Stanley.
Lurtey, William Augustus	Mech. Eng.	Maysville.
Lytle, Hendricks Gilbert	Civ. Eng.	Flemingsburg.
McConnell, John Rice	Mech. Eng.	Catlettsburg.
McGuire, Frances Folsom	Education	Mt. Vernon.
Mastin, James Edward	Agriculture	Versailles.
Mayhall, Creston Clark	Science	Somerset.
Mayes, James Robert	Civ. Eng.	Springfield.
Meadors, Gilcin	Mech. Eng.	Pine Knot.
Merchant, George Brite	Civ. Eng.	Sulphur.
Miles, Frank Thrope	Mech. Eng.	Ft. Thomas.
Milligan, Vincent Bartlett	Mech. Eng.	Lexington.
Moore, Harvey Lee	Mech. Eng.	Georgetown.

Morris, Jesse Neal.....Civ. Eng. ..... Sulphur.
Moynahan, Bernard Thomas....Civ. Eng. ..... Nicholasville.
Needy, John Alfred.....Civ. Eng. ..... Louisville.
Obenchain, William Alexander..Civ. Eng. ..... Bowling Green.
O'Day, Thomas Michael.....Mech. Eng. ..... Lexington.
Penney, William Servant.....Civ. Eng. ..... Waddy.
Phister, Albert Brown.....Mech. Eng. ..... Ft. Thomas.
Ramage, James Russell.....Civ. Eng. ..... Louisville.
Ramsay, Alexander Timberlake..Mech. Eng. ..... Louisville.
Reiter, William Arthur.....Min. Eng. ..... Fredonia.
Rogers, John .....Civ. Eng. ..... Glasgow.
Routt, Grover Cleveland.....Agriculture ..... Stinnett.
Sargent, Elizabeth Ewing.....Arts ..... Frankfort.
Schmid, Robert Lynden.....Civ. Eng. ..... Louisville.
Shanklin, George Bryan.....Mech. Eng. ..... Lexington.
Short, Thompson Bailey.....Mech. Eng. ..... Lexington.
Shultz, William Claude.....Arts ..... Narrows.
Simrall, Ann Dowd.....Arts ..... Mt. Sterling.
Sloan, Jesse Neal.....Civ. Eng. ..... Shelbyville.
Smarr, Ben McAtee.....Mech. Eng. ..... Brooksville.
Smith, David Walter.....Mech. Eng. ..... Nicholasville.
Smith, Lucius Ernest.....Science ..... Melrose, N. M.
Smith, Mary Barret.....Education ..... Richmond.
Spencer, Mary Scott.....Arts ..... Lexington.
Staples, Frederick William.....Mech. Eng. ..... Lexington.
Stevenson, Wilbur Wesley.....Mech. Eng. ..... Fulton.
Tanner, Thomas Butler.....Mech. Eng. ..... Lexington.
Taylor, Orville Heber.....Civ. Eng. ..... Beaver Dam.
ToeWater, George Myers.....Mech. Eng. ..... Lexington.
Vaughn, Ester.....Arts ..... Waddy.
Vivion, Glave Goddard.....Mech. Eng. ..... Harrodsburg.
Walesby, Alfred Edwin.....Civ. Eng. ..... Louisville.
Wall, Franklin Pearce.....Mech. Eng. ..... Cayce.
Wallace, William Abithal.....Civ. Eng. ..... Cerulean.
Wardle, Charles William.....Min. Eng. ..... Maysville.
Webb, Edgar Hedger.....Arts ..... Sadieville.
Webb, Richard Spurr.....Mech. Eng. ..... Lexington.
Wharton, Russell Zollinger.....Mech. Eng. ..... Valley View.
White, Kessack Duke.....Min. Eng. ..... Louisville.
Wilken, George B.....Agriculture ..... Louisville
Wilkie, Ralph James Erskine...Mech. Eng. ..... Lexington.
Williams, Alice Cary.....Arts ..... Lexington
Wilson, David Hunter.....Mech. Eng. ..... Louisville.
Wright, Walter Franklin.....Arts ..... Manchester.

Freshmen.

Ammerman, Walter Helm.....Mech. Eng. ..... Cynthiana.
Ashbrook, James Reid.....Mech. Eng. ..... Cynthiana.
Auxier, Garland Leslie.....Science ..... Edinburg.
Baker, Frederick Reid.....Mech. Eng. ..... Lexington.

Barner, Mary Leonore, 1.....Education ..... Barboursville.
Battaile, Dolly Taylor, 3.....Science ..... Lexington.
Bennett, Sallie McChesney, ½..Science ..... Lexington.
Boghossian, Menos Hoosep, ½..Mech. Eng.....Taheran, Persia.
Boering, Ira Belle .....Arts ..... London.
Brown, Silas Lee.....Civ. Eng. ..... Humphrey.
Bruner, Claude Beverly, 1½....Civ. Eng. ..... Lexington.
Burton, Henry Morris, 2.....Arts ..... Sulphur.
Bryant, Ethel May, 2.....Arts ..... Tolesboro.
Buchanan, Harry George.....Mech. Eng. ..... Ft. Thomas.
Byers, Elizabeth Leon, ½.....Arts ..... Lexington.
Cheatham, James Leslie, 1.....Civ. Eng. ..... Henderson
Chipman, Ferd.....Mech. Eng. ..... Falmouth.
Colbert, Louis Frasier.....Civ. Eng. ..... Cloverport.
Collins, Minerva.....Agriculture ..... Hindman.
Collins, William, ½.....Agriculture.....N. Middletown.
Collis, Mark, Jr.....Min. Eng. ..... Lexington.
Colyer, Louisa Evans.....Education ..... Richmond.
Corum, Sue Elizabeth, 2½.....Arts ..... Hickman.
Coryell, Oliver Paul, 1½.....Arts ..... Springdale.
Croft, Carl, ½.....Civ. Eng. ..... Fulton.
Creekmore, Cora Temperance...Arts ..... Lexington.
Crowell, Charles Frederick.....Min. Eng. ..... Ashland.
Cruickshank, Allene Peirce.....Science ..... Lexington.
Daniel, Walter Holt.....Min. Eng. ..... Paris.
Davis, Ruby Evelyn.....Education ..... Carlisle.
Deskins, Rush Monroe, 1.....Arts ..... Pikeville.
Dickey, Helen Lee.....Education ..... Richwood.
Dowty, Wilhelmina J.....Science ..... Hamilton, Ohio.
Duncan, James Ray.....Mech. Eng. ..... Nicholasville.
Dunn, Charles Francis, ½.....Education ..... Morning View.
Earle, Thomas Evans, 2½.....Civ. Eng. ..... Dawson Springs.
Edelen, James Leonard.....Mech. Eng. ..... Frankfort.
Faris, William Hendricks.....Mech. Eng. ..... Flemingsburg.
Faulkner, Francis Alma, 1½...Arts ..... Barboursville.
Fisher, James Ernest, 1½.....Mech. Eng. ..... Millersburg.
Foster, John Rollie.....Min. Eng. ..... Flemingsburg.
Fowler, Paul Lycurgus, 1½.....Civ. Eng.....Ritzville, Wash.
Frye, Alchin Laverene, 1½.....Arts ..... Lexington.
Fuller, George Thomas, 2.....Arts ..... Mayfield.
Gaiser, Jacob Henry.....Mech. Eng. ..... Bellevue.
Galloway, Howard Cleveland....Mech. Eng. ..... Falmouth.
Gastineau, Wallace Atlee.....Arts ..... Middlesboro.
Gillis, Cleo, 2.....Education ..... Lexington.
Glass, James Howard, 2.....Agriculture.....Rock Dale.
Gnadinger, Charles Byron.....Science ..... Lexington.
Golden, James Stephen, 2½....Arts ..... Barboursville.
Goodwin, George Early.....Civ. Eng. ..... Lexington.
Gower, John Thomas, ½.....Mech. Eng. ..... Newport.
Graber, James Clide..... Mech. Eng. ..... Ashland.

Gragg, Viola Evelyn.....Education ..... Somerset.
Gratz, Alexander Howerton.....Civ. Eng. ..... Lexington.
Greathouse, Joseph Felix.....Arts ..... Versailles.
Hager, William Bruce.....Min. Eng. ..... Frankfort.
Hancock, Kathlene Grace.....Arts ..... Brooksville.
Hancock, Minnie Margarite, 1½.Arts ..... Brooksville.
Harrison, Marion Myrl, 1½.....Arts ..... Philpot.
Harned, Chester Ray.....Science ..... Hodgenville.
Hays, Margaret.....Education ..... Somerset.
Hill, Joshua Wallace.....Civ. Eng. ..... Bardstown.
Howard, Bailey Caldwell, ½....Min. Eng. ..... Owensboro.
Hughes, Mary Irene, 1.....Arts ..... Maysville.
Humble, Joseph Mette.....Science ..... Newport.
Jones, Jesse Milton, 2½.....Arts ..... Rankin.
Jones, Robert Leslie.....Mech. Eng. ..... Walton.
Kelley, Hugh, 3 .....Arts ..... Utica.
King, Alvin William.....Mech. Eng. ..... Cox's Creek.
Lee, Daniel Franklin.....Science ..... Campbellsburg.
Link, Edgar William.....Mech. Eng. ..... Lexington.
Lowe, ames Thomas, ½.....Mech. Eng. ..... Williamstown.
Lowey, Hester.....Science ..... Nicholasville.
McClure, Allen, 1½.....Science ..... Lexington.
McDaniel, Oscar Pearl, 1½.....Mech. Eng. ..... Ewing.
McIntire, Frank Crosier, 1.....Mech. Eng. ..... Brandenburg.
McKenney, Henry Fields.....Arts ..... Falmouth.
McMurtrey, Alfred.....Civ. Eng. ..... Cynthiana.
McMurtrey, John Dallas, 1½...Civ. Eng. ..... Burksville.
Marks, Thomas .....Mech. Eng. ..... Versailles.
Martin, Felix, 2.....Science ..... Greenville.
Martin, Otto Carlston.....Arts ..... Hartford.
Masters, Herbert Ray, 1.....Mech. Eng. ..... Richmond.
Mathias, Anna Elizabeth, 1.....Education ..... Carlisle.
May, Clarence Bascon, 1½.....Education ..... Carlisle.
Meinhart, Roy Henry, 2.....Mech. Eng. ..... Ashland.
Melton, Harry Edgar.....Mech. Eng. ..... Lexington.
Mitchell, Frank Finley, ½.....Education ..... Eli.
Moss, Ray Bingham, 1.....Min. Eng. ..... Pineville.
Nicol, William Todd.....Mech. Eng. ..... Lexington.
Norton, Hannah Moyer.....Education ..... Ashland.
Noland, Hattie, 1½.....Education ..... Richmond.
Oliver, Jesse .....Mech. Eng. ..... Bloomingdale.
Oliver, Pierson Sherwood, 1.....Mech. Eng. ..... Fulton.
Pace, Murl Erichsen, ½.....Arts ..... Scottsville.
Palmore, Hovey Duncan, 1.....Civ. Eng. ..... Persimmons.
Park, Lillian Brandenburg.....Science ..... Frankfort.
Phillips, Benjamin Forest.....Civ. Eng. ..... Alexandria.
Pollard, Olie Nicholas, 2.....Mech. Eng. ..... Lexington.
Pollitt, Mabel, ½.....Arts ..... Vanceburg.
Porch, Mary Edwin.....Education ..... Somerset.
Porter, Roy Oliver.....Min. Eng. ..... Maysville.

Powell, Guy Sole, ½	Civ. Eng.	Robards.
Prewitt, John Coleman, ½	Civ. Eng.	Shelbyville.
Puryear, Edward Jones, Jr., 2	Science	Greenville.
Ragan, Yandell	Arts	Cold Springs.
Reynolds, Henry Edmund	Mech. Eng.	Slaughterville.
Ribelin, Ellis Bridges	Mech. Eng.	Carrolltown.
Ridd, Stanley John	Mech. Eng.	Newport.
Robinson, Benjamin Franklin	Mech. Eng.	Lancaster.
Robinson, Earl	Mech. Eng.	Richmond.
Rochester, Nathaniel Gray	Arts	Marion.
Sargent, Margaret, 1	Arts	Frankfort.
Saunders, Shirley Dean, 2	Mech. Eng.	Franklin.
Scott, George Atwill	Civ. Eng.	Paducah.
Shannon, William James	Civ. Eng.	Lexington.
Shoemaker, Henry Burton	Mech. Eng.	Falmouth.
Sink, Verna	Science	Lexington.
Smith, David Walter	Mech. Eng.	Nicholasville.
Smith, John Warren	Mech. Eng.	Winchester.
Smith, Willis Eugene, 1½	Agriculture	Melrose, N. M.
Sower, William Christian	Mech. Eng.	Frankfort.
Stanfill, William Abner, 2½	Arts	Barboursville.
Stofer, Richard Thompson	Mech. Eng.	Mt. Sterling.
Sublet, Arthur, Jr., 1	Mech. Eng.	Versailles.
Tarpley, Jesse Frank, 2	Mech. Eng.	Franklin.
Tarter, Elmer Edward, 1	Education	Brady.
Theising, William Skinner	Min. Eng.	Covington.
Thomas, John Barrett	Civ. Eng.	Falmouth.
Thompson, L. Roeleme, ½	Education	Frankfort.
Threlkeld, Polk Laffoon, ½	Civ. Eng.	Morganfield.
Tichenor, William Raymond	Science	Hopkinsville.
Tinsley, Elmer Wendell	Arts	Hartford.
Townsend, William Henry	Education	Glensboro.
Utley, Newton Willard	Civ. Eng.	Eddyville.
Vanaman, Charles Worchester	Mech. Eng.	Lexington.
Vogliotti, Herman Frederick	Mech. Eng.	London.
Wadsworth, John Henry	Civ. Eng.	Ashland.
Walker, Henry Means, 2	Agriculture	Rectorville.
Walker, Robert Wade, 1	Mech. Eng.	Richmond.
Watkins, George Clarke	Mech. Eng.	Lexington.
Wegener, Julia	Education	Augusta.
Weller, Leslie Neal	Arts	Pineville.
Wells, Walter Scott	Civ. Eng.	Paintsville.
White, Edward James	Mech. Eng.	Ashland.
Wilmore, James Azure, 1	Arts	Gradyville.
Wilson, Meek Boyd	Education	Lynnville.

The number following a name indicates the unit conditions for entrance to Freshman which must be removed by September next in order to entitle the student to Sophomore classification.

Law Students.

Ballard, Richard Bryan.....Lancaster.
Baker, Alex Frank.....Kansas City, Mo.
Clay, James Thomas.....Paris.
Ewell, Logan.....London.
Fears, John Carroll.....New Castle.
Faulkner, Henry Clarence.....Barboursville.
Hamilton, William Shacklette.....Brandenburg.
Jones, Morgan Frederick.....Macon, Ga.
Kelley, Clement Franklin.....Pittsburg, Pa.
Martin, Otto Carlston.....Hartford.
Newton, Henry Robert.....Williamstown.
Ogata, Louis Ichize.....Kumamati, Japan.
Pope, George Riley.....London.
Prewitt, William Wathen.....Osceola, Ark.
Rowe, Walter Ellsworth.....Lexington.
Reed, Samuel P.....Furnace.
Spradling, Marion Clyde.....Berry.
Shearer, William Logan.....Monticello.
Salyers, Squire Webber.....Frankfort.
Simms, Robert Lee.....Frankfort.
Staples, Harry.....Lexington.
Strong, South.....Jackson.
Taylor, Carroll Gholson.....Lexington.
Turner, Job Darbin .....Lexington.
Taylor, McChord.....Lexington.
Terrell, Robert Craig.....Bedford.
Wilson, Ethelbert Reed.....Lexington.

SHORT COURSES IN AGRICULTURE.

I.—Two Years Course.

Second Year Students.

Hillenmeyer, Walter William.....Lexington.
Money, Lester Sleadd.....Shelbyville.
Wilson, William Boone.....Eminence.

First Year Students.

Allen, Paul.....Finchville.
Armstrong, Clem Glenn.....Elkton.
Barker, William.....Trenton.
Baird, George Caldwell.....Shelbyville.
Cardwell, John Wesley.....Harrodsburg.
Cayce, Kenneth Odin.....Hopkinsville.
Cocke, Richard Ivanhoe.....Wickliffe.

Conditt, George Witherspoon.....Marion.
Daugherty, Clyde Thomas.....Wakefield.
Franks, Clifford Carlisle.....Dry Ridge
Hall, Dudley Joseph.....Eminence.
Hancock, Eugene Bateman.....Augusta.
Jones, Mary Posey.....Uniontown.
McConnell, John Avent.....Lexington.
Skillman, John Miller.....Hardinsburg.
Stephenson, Corbett.....Fredonia.
Taylor, Mallory Gibson.....Maceo.
Thaxton, Andrew Jackson.....Millersburg.
Wilson, William McGranaghan.....Lexington.

II.—Short Winter Course.

Burton, Madison Rhodes.....Carlisle.
Coons, Clarence Emery.....Mt. Sterling.
Davis, Arthur J.....Sip.
Edwards, Harry Griswold.....Louisville.
Gratz, Nicholas Warfield.....Lexington.
Hester, Horace.....Mayfield.
Lee, John Joseph.....Cynthiana.
Linnig, Micheal John.....Valley Station.
Price, Robert Hanna.....Shelbyville.
Richardson, John H.....Bedford.
Riley, Elbert Roy.....Union.

Short Course in Mining Engineering.

Abercrombie, William M.....Drakesboro.
Arnols, William Jesse.....Greenville.
Cardwell, James Marion.....Drakesboro.
Davies, Hywell Brooks.....Kensee.
Johnston, William Bradley.....Lancaster.
Jones, Huw Dyfan.....Central City.
Kelly, Thomas Henry.....Drakesboro.
Mercer, Albert J.....Powderly.
Miller, D'Arcy Stewart.....Owensboro.
Myers, Herbert.....Powderly.
Sears, George Thomas.....Central City.
Stevens, Robert Gerry.....Vulcan, W. Va.
Taylor, John Edley.....Crawford, Tenn.
VanGorder, Arthur Dewitt.....Ralston.

Rural and Highway Engineering.

Atwill, Albert Lee.....Hickman.
Baldwin, Woodson S.....Baldwin.
Lewis, Joseph Millett.....Owensboro.
Marshall, Alexander Keith.....Maysville.

Marshall, Caleb Wallace.....Lexington.
Marshall, William Jefferson.....Henderson.
Meyer, Charles Louis.....Henderson.
Priest, Thomas Hill.....Louisville.
Robertson, John Edward.....Waddy.
Sauer, Albert Daniel.....Shelbyville.
Scherffius, Cleveland Hendrick .....Lynnville.
Speyer, Harry Aaron.....Lexington.
Stone, William Carl.....Hinton.

Special Students.

Bayless, Elizabeth.....Arts ..... Paris.
Branham, Marguerite.....Domestic Science..Lufkin, Tex.
Brown, Oakley Thompson.....Mech. Arts ..... London.
Burnam, Marjorie.....Domestic Science.....Paris, Ill.
Culver, Randall Nathaniel.....Mech. Arts ..... Waverley.
Gooslin, Pearl.....Dom. Sci..Williamstown, W. Va.
Howard, Ellis Manning.....Civ. Eng. ..... Owensboro.
Hurst, Nettie.....Arts ..... Paris.
Kelley, Clement Franklin.....Pittsburg, Pa.
O'Day, Margaret.....Science ..... Lexington.
Pence, Kate.....Arts ..... Lexington.
Pierce, Wallace Duncan.....Civ. Eng. ..... Cloverport.
Shubinski, Moses James.....Law ..... Lexington.
Shull, Mrs. Lena Mearl.....Science ..... Lexington.
Skiff, Ralph.....Civ. Eng. ..... Erlanger.
Wallis, Nell Virginia.....Science ..... Lexington.
Wells, Carleton Howells.....Arts ..... Cincinnati, O.
Wells, Don Edwards.....Arts ..... Erie, Kan.
White, Ezekiel Fields.....Mech. Arts ..... Paint Lick.
Willis, Carlton Howells.....Science ..... Lexington.

THE ACADEMY.

Third-year Students.

Name.	Post-office.	County.
Anderson, Charles True	Lexington	Fayette.
Back, Thomas Kelley	Jackson	Breathitt.
Battaile, Dolly Taylor	Lexington	Fayette.
Berkshire, William Stewart	Petersburg	Boone.
Butler, Thomas Fisher	Hinton	Harrison.
Cooper, Henry Montgomery	Midway	Woodford.
Duncan, Robert Edward	Lawrenceburg	Anderson.
Eastin, Eckford Preston	Lexington	Fayette.
Eversole, Lydia Margaret	Hazard	Perry.
Farmer, Henry Lester	George	Harlan.
Hardesty, Llewellyn Coons	Muir	Bourbon.
Hart, Derrill Wason	Pisgah	Woodford.

Hayden, Gretchen Marie.....Deatsville ..... Nelson.
Hedden, Thomas Clarke.....Finchville ..... Shelby.
Ireland, Thomas Hughes.....Skillman ..... Hancock.
Kunzman, John William.....Buechel ..... Jefferson.
Kelley, Hugh.....Utica ..... Daviess.
Lyon, Robert Lee.....Irvington ..... Brecinridge.
McCoy, Edward Malcolm.....Lexington ..... Fayette.
Martin, Mary Louis.....Williamstown ..... Grant.
Pedigo, Jackson Murray.....Horse Cave ..... Hart.
Rowland, Robert Bush.....Arlington ..... Carlisle.
Sudduth, Watson Andrews.....Lexington ..... Fayette.
White, Edward Rice.....Cave City ..... Barren.
Woodson, Robert Marion.....Eddyville ..... Lyon.

Second-year Students.

Beaumont, Wortham Conkling..Mayfield ..... Graves.
Blanchett, Louie Paubel.....Sugar ..... Gallatin.
Blevins, Charles Elmo.....Mt. Sterling.....Montgomery.
Brown, McAuliffe.....Hardinsburg .... Breckinridge.
Bryson, Arthur Titus.....Fullerton ..... Greenup.
Byars, Walton McLean.....Adairville ..... Logan.
Bradshaw, Annie Pearl.....Bliss ..... Adair.
Chambers, John Sharpe.....Murray ..... Calloway.
Christopher, Bertha.....Buena Vista.....Garrard.
Clem, Ruby Elmer.....Bedford ..... Trimble.
Compton, Russell Raymond.....Garfield ..... Breckinridge.
Cornett, Claude Campbell.....Harlan ..... Harlan.
Covington, Harry Stockdell....Lexington ..... Fayette.
Craddock, William.....Munfordville ..... Hart.
Cramer, Mary Elizabeth.....Lexington ..... Fayette.
Cregor, Nathan Minton.....Lebanon ..... Marion.
DeLong, Joseph Curtis.....Lexington ..... Fayette.
Dowd, Genevieve F. Theresa....Lexington ..... Fayette.
Downing, John Lowry.....Scottsville ..... Allen.
Drake, Burgess.....South Hill ..... Butler.
Edwards, Owen Travis.....Liletown ..... Green.
Eubank, Warren Lyddane.....Lexington ..... Fayette.
Faries, Fithian Brent.....Paris ..... Bourbon.
Faulkner, James Edward.....Barboursville ..... Knox.
Ferguson, Elizabeth Walton....LaCentre ..... Ballard.
Ford, Harrie Louise.....Oklahoma ..... Tulsa.
Ford, Hart Talbot .....Oklahoma ..... Tulsa.
Fotsch, Anna Theresa Catherine.Lexington ..... Fayette.
Garnett, Reuben Everard.....Glasgow ..... Barren.
Gentry, James Alvin.....Narrows ..... Ohio.
Gillis, Inis.....Lexington ..... Fayette.
Goode, Mollie Catherine.....Lexington ..... Fayette.
Goodwin, Joseph Alfred.....Lexington ..... Fayette.
Gorin, James Reuben.....Rowletts ..... Hart.

Grace, Joseph Alvis	Kevil	Ballard.
Grasty, Allen Wise	Henderson	Henderson.
Gregory, Robert Loyd	Harlan	Harlan.
Haffler, Erle Lee	LaGrange	Oldham.
Hager, Charles Ernest	Brandenburg	Mead.
Haswell, Vivian Daniel	Hardinsburg	Breckinridge.
Hendley, Harry Jackson	Mayfield	Graves.
Hewlett, Coleman	Livia	Daviess.
Humphrey, William David	Kidd's Store	Casey.
Hunt, Lee	Pleasant Ridge	Daviess.
Jackson, Stonewall	Arlington	Carlisle.
Jarboe, John Felix	Cloverport	Breckinridge.
Jenkins, Granville Dockery	Glendale	Hardin.
Jetton, Walter Cole	Sedalia	Graves.
McDaniel, Benjamin Clinton	Lexington	Fayette.
Marcum, Ruby Leon	Burnside	Pulaski.
Miller, Robert Lake	Kirksey	Calloway.
Moore, Ogden	Cynthiana	Harrison.
Parker, John Preston	Lexington	Fayette.
Peck, Myna May	Lowes	Graves.
Pence, Edgar Allen	Lexington	Fayette.
Powers, Robert Lee	Parksville	Boyle.
Reed, James Davidson	Springfield	Washington.
Richardson, Gilbert	Kenton	Kenton.
Robinson, Thomas	Gray	Knox.
Rogers, Adams Eldridge	Lexington	Fayette.
Rogers, Isaac Wallace	Murray	Calloway.
Routt, Senica Claborn	Stinnett	Anderson
Sayre, James	Lexington	Fayette.
Scott, Alice Mabel	Buena Vista	Garrard.
Sharp, Ira D	Nicholasville	Jessamine.
Shultz, Frederick Thomas	Narrows	Ohio.
Smith, Cassius Clay	Tompkinsville	Monroe.
Standrod, Drew William	Rock Castle	Trigg.
Stone, Albert Lee	Bonanza	Floyd.
Troutman, Joseph Taylor	Livia	McLean.
Walker, Edward Bullock	Clinton	Hickman.
Welsh, Marie Scott	Lexington	Fayette.
Westcott, Lydia Elizabeth	Clay City	Powell.
White, Charles	Akersville	Monroe.
Wilson, Alan Barrios	Cave City	Barren.
Wilson, Curtis Burnam	Paint Lick	Garrard.
Wilson, John Estill	Paint Lick	Garrard.
Wilson, William Claude	Dalton	Hopkins.
Woodward, John Bruce	Maysville	Mason.
Yankey, Frank Grinstead	Springfield	Washington.
Zweigart, Thomas Frederick	Maysville	Mason.

First-year Students.

Atchisin, Norman	Owingsville	Bath.
Ball, Clarence William	Lexington	Fayette.
Ball, Henry Land	Lexington	Fayette.
Baughn, William	Lexington	Fayette.
Bennett, Arthur Ray	Narrows	Ohio.
Berry, Marvin Finus	Clinton	Hickman.
Blount, John Sherman	Carlisle	Nicholas.
Bourne, Jewell Elizabeth	Hanly	Jessamine.
Boyd, Edgar Lee	Canton	Trigg.
Caldwell, George Creed	Cave City	Barren.
Campbell, Hugh Park	Irvine	Estill
Carter, John Herman	Burkesville	Cumberland.
Center, George Washington	Campton	Wolfe.
Chadwick, Curtis Estill	Naples	Greenup.
Chilton, Myra Belle	Port Royal	Henry.
Cobb, Edwina Rose	Stearns	Whitley.
Cockrill, Harry Simpson	Irvine	Estill.
Coffey, James Russell	Frankfort	Franklin.
Crafton, Herman	Franklin	Simpson.
Craig, James William	Lexington	Fayette.
Craig, Samuel Crawford	Glendale	Hardin.
Croan, Walter	Shepherdsville	Bullitt.
Dawson, James Duncan	Bloomfield	Nelson.
DeLong, George Edmund	Lexington	Fayette.
Depp, Waller Armstrong	Glasgow	Barren.
Dixon, Henry Clifton	Holland	Allen.
Douglas, John Joseph	Lexington	Fayette.
Eades, Frank Owen	Ashland	Boyd.
Edmonds, Harlow Wolford	Sunshine	Russell.
Eversole, Elijah Wilburn	Manchester	Clay.
Faulkner, Mildred	Barboursville	Knox.
Fotsch, Alice Gertrude	Lexington	Fayette.
Godfrey, Thomas Leslie	Lexington	Fayette.
Hamilton, Marguerite Lee	Edmonton	Metcalfe.
Hamilton, Minnie Pearl	Edmonton	Metcalfe.
Harris, John Dismukes	Mayfield	Graves.
Hatcher, Lackey Neal	Allen	Floyd.
Herren, Jesse Franklin	Liberty	Casey.
Hill, Owen Alva	Central City	Muhlenburg.
Hinton, James	Plummer's Landing	Fleming.
Hunt, Forest Thomas	Worthville	Carroll.
Ingram, Elmer	Ironton	Trigg.
Jennette, William Sylvester	Hanly	Jessamine.
Justice, Zachariah	Fishtrap	Pike.
Keith, Clara Upton	Upton	Hardin.
Lee, Lucas Joseph	Corinth	Owen.
Lilly, Pleas Richardson	Irvine	Estill.
Litsey, Horace Edward	Springfield	Washington.

Little, Charles Kenneth.....Toledo, Ohio, ... Lucas.
Lovelace, Harry Gordon.....Red Ash ..... Whitley.
Lovelace, Roscoe Conkling.....Red Ash ..... Whitley.
Lynch, Lawrence.....Allen ..... Floyd.
McConnell, James Hubbard....Arlington ..... Carlisle.
Maddox, Richard Nance.....Mayfield ..... Graves.
Marcum, Olive Myrtle.....Stearns ..... Whitley.
May, Joseph McKenster.....Prestonsburg ..... Floyd.
Mays, John Edward .....Catlettsburg ..... Boyd.
Miller, Grover Cleveland.....New Hope ..... Nelson.
Miller, Ola Henderson.....Lane ..... Wolfe.
Moore, Loy Buel.....Adairville ..... Logan.
Morgan, Manson M..... Stinnett ..... Anderson.
Morris, Wilburn..... .....Mayfield ..... Graves.
Neisz, Ruby .....Kirkwood Springs.....Hopkins.
Page, Cleo Kidwell.....Tompkinsville ..... Monroe.
Parrish, Rodger Mills.....Scottsville ..... Allen.
Park, Buford..... .Irvine ..... Estill.
Parker, James Edwin.....Gray ..... Knox.
Paschall, Jesse Horace.....Murray ..... Calloway.
Ramsey, James Chandler.....Lexington ..... Fayette.
Robinson, Hallie Lee.....Buechel ..... Jefferson.
Sallee, William Merritt.....Keene ..... Jessamine.
Samuel, Benjamin Henry.....Columbus ..... Hickman.
Simmons, Roland Moore.....Adairville ..... Logan.
Sterett, Baird.....Hawesville ..... Hancock.
Taylor, Clarence Hopson.....Canton ..... Trigg.
Taylor, Robert Brooks.....Little Rock ..... Arkansas.
Todd, Thomas Jefferson.....Irvine ..... Estill.
Waldrop, John Mitchell.....Ashland ..... Boyd.
Weckesser, William Paul.....Mt. Sterling ..... Montgomery.
Wiser, Edwin Alexander.....Stearns ..... Whitley.
Woodson, Harry Netherland....Flat Lick ..... Knox.
Wright, Floyd Holmes.....Liberty ..... Casey.

Unclassified Students.

Clarke, James Robert.....LaGrange.
Davis, George Wheatley.....Germantown, Tenn.
Dean, John Randolph.....Owensboro.
Egbert, Margaret Ethelyn.....Lexington.
Ginn, Eloise Elizabeth.....Lexington.
Hobday, Earle Edward.....Brooksville.
Johnson, John Elliott Cooper.....Tallega.
Karrick, James Vance .....Lexington.
Plummer, Wildred Wayne.....Newport.

SUMMER SCHOOL.

I.—In Arts and Sciences.

Adams, Robert William.....Henderson.
Allison, Leonidas Metcalf.....Carlisle.
Ammerman, Edward Clifton .....Lexington.
Bailey, Edgar Allen.....Morgantown.
Baker, Frederick Reed.....Lexington.
Banham, Pearle.....Creceluis.
Blakemore, Page Blanton.....Hopkinsville.
Blumenthal Philip Lee.....Lexington.
Bowden, Aberdeene Orlando.....Maysville.
Bridges, Edward Stanley.....Carrolton.
Bruner, Claude Beverly.....Nicholasville.
Buchignani, Alarguerite.....Lexington.
Burchefield, James Ralph.....Pineville.
Carmody, John Paul .....Mt. Sterling.
Carr, Haviland.....Claysville.
Chisholm, Otho B.....Acton.
Clarke, William Frederick.....Castleage, Mo.
Collis, Mark, Jr.....Lexington.
Collis, Robert.....Lexington.
Crosthwaite, John Scearce.....Lexington.
Dunn, Charles Francis.....Morning View.
Edwards, Richard Alexander.....Boydsville.
Farrell, Josephine.....Lexington.
Fredericksen, Neil Christian.....Copenhagen, Denmark.
Foster, John Milton.....Richmond.
Fuller, George Thomas.....Mayfield.
Garman, Frederick.....Lexington.
Glass, Rhoda Virginia.....Lexington.
Goodwin, George Early.....Lexington.
Hager, Charles Ernest.....Brandenburg.
Harris, Ielia Jane.....Richmond.
Harrison, Marion Myrle.....Philpot.
Hodges, Grover Cleveland.....Pineville.
Horine, John Sherman.....Nicholasville.
Ireland, Thomas Hughes.....Skillman.
Jewell, Frances.....Lexington.
Lee, John Joseph.....Cynthiana.
Link, Edgar William.....Lexington.
Lusby, J. W.....Grayson.
Luten, Inez Ware.....Hickman.
Lynch, Lena Margaret.....Frankfort.
McClelland, Thomas Brown.....Lexington.
McMurtry, John Dallas.....Burksville.
Maddox, Robert Lytton.....Mayfield.
Mayhall, Russell Collins.....Frankfort.
Miller, Humphrey.....New Hope.

Million, Jackson Egbert.....Richmond.
Moore, Ida Pearl.....Stanford.
Neville, Zelinda.....Lexington.
Payne, John Howard.....Cold Spring.
Pence, Mary Bell.....Lexington.
Ragan, Yandell.....Cold Spring.
Rives, Henry William.....Lebanon.
Robertson, Benjamin Franklin.....Lexington.
Routt, Grover Cleveland.....Stinnett.
Scott, George Thomas.....Madisonville.
Shultz, William Claude.....Narrows.
Slade, Theodore.....Lexington.
Smith, Lucias Ernest.....Guynion, Okla.
Stackhouse, William Ousley.....Lexington.
Stephenson, Corbutt.....Fredonia.
Tucker, Frederick Harry.....Madisonville.
Tunis, John Theodore.....Lexington.
Vanaman, Charles Worcester.....Philadelphia, Pa.
Vaughn, Esther.....Waddy.
Wallace, Harry Buford.....Lexington.
Weller, Leslie Neal.....Pineville.
White, Edward Rice.....Cave City.
Wilkie, Ralph James Erskine.....Lexington.
Williams, Byron Demetrius.....Auburn.
Wilson, Curtis Burnham.....Paint Lick.
Wilson, John Estille.....Paint Lick.

II.—In Mechanics Arts.

Barton, Raymond.....Worthington, Ind.
Baxter, Edward.....Lexington.
Burchfield, James Ralph.....Pineville.
Caudill, Stephen Emery.....Whitesburg.
Cawood, Frank Finlay.....Harlan.
Cornish, William Redmon.....Lexington.
Fogwell, Harrison Harvey.....Lafayette, Ind.
Foster, John Milton.....Richmond.
Frankel, Monroe Jacob.....Louisville.
Haynes, Clyde Givens.....Morganfield.
Hendricks, Thomas.....Cynthiana.
Himmelright, Raleigh John.....Wadsworth, Ohio.
Howe, Samuel Theodore.....Topeka, Kan.
Keubler, Chester Arthur.....Louisville.
Lindstrom, Arthur Carl.....Richmond, Ind.
Parrish, Charles Swift.....Lexington.
Rees, Paul.....Wadsworth, Ohio.
Richmond, George.....Port Clinton, Ohio.
Robinson, Benjamin Franklin.....Lexington.
Rush, James.....Derry, Pa.

Sage, William.....Lafayette, Ind.
Samuel, Robert Loveall.....Maysville.
Stickle, John L.....Pittsburg, Pa.
Wall, Marion..... South Pittsburg, Pa.
Williams, Byron Demetrius.....Auburn.
Wilson, Carter Lindsay.....Louisville.
Wilson, Richard .....Lexington.
Zinsmeister, Lee.....Madison, Ind.

SUMMARY

Collegiate Students.	Arts.	Science.	Civ. Eng.	Mech. Eng.	Min. Eng.	Education.	Agriculture.	Total.
Post Graduates	6	2	2	0	1	0	0	11
Seniors	18	10	13	27	2	0	2	72
Juniors	11	8	21	37	4	2	3	86
Sophomores	11	5	25	52	5	9	5	112
Freshmen	31	16	23	46	9	19	5	149
Total.....	77	41	84	162	21	30	15	430

Collegiate Students	430
Law Students	27
Rural and Highway Engineering	13
Short Courses in Agriculture	33
Short Course in Mining Engineering.....	14
Special Students	20
Academy	188
Unclassified Students	9
Summer School Students	100
Total.....	834
Deduct, Counted Twice	62
Whole number.....	772

INDEX

Page.

Academy 194-199
Course of Study.....194
Entrance Requirements...196
Faculty of 194
Accredited Schools 34
Admission from 25
Committee on 21
Administration Building 5
Officers 14
Admission, Methods of..... 25
By examination 25
From Accredited Schools.. 25
As Special Students..... 26
To Freshman Class..... 26
Requirements in English 29
History 28
Languages 30
Mathematics 27
Natural Sciences..... 31
Manual Training and Drawing 33
To Summer School..... 50
Advanced Standing 34
Agriculture, College of ..113-135
Two Years' Course in.....132
Winter Course in 133
Agricultural Experiment Station 3
Officers of 22
Agricultural Chemistry 131
Agricultural Hall 7
Agricultural Society 41
Agronomy 122
Anatomy and Physiology..56-61
Animal Husbandry 124
Appointments, County..... 44
Arts and Science,
College of 52-112
Associations 40
Agricultural Society..... 41
Ashland Grange 41
Athletic 42

Page.

Engineering Society 41
Literary Societies 41
Y. M. C. A. 40
Y. W. C. A. 40
Astronomy for Admission ... 31
Course in 106
Athletics, Committee on..... 21
Battalion, Roster of 192
Board of Trustees..... 13
Board of Control, Experiment Station 22
Board and Lodging..... 37
Cost of 43
Botany for Admission..... 32
Courses in.....62-65, 129
Buildings 5
Bulletins, Committee on..... 21
Experiment Station..... 3
Bureau, U. S. Weather.....128
Officers of 24
Calendar, University V
For Entrance Examinations VI
Chemical Building 5
Chemistry for Admission.... 31
Courses in 66-72
Civil Engineering Building... 7
Civil Engineering,
College of 136-152
Class Work, Beginning of... 36
Classification, Changes in.... 36
Rules of 36
College of Agriculture ...113-135
Arts and Science 52-112
Civil Engineering.....136-152
Mechanical and Electrical Engineering 153-164
Mining Engineering...165-176
Law 177-183
Commencement Exercises,
Committee on 21
Committees of the Faculty.. 21

Page.

County Appointments..... 43
Courses of Study, Committee on 21
Credit, Entrance Cards..... 33
Advanced 34
Units of, Defined, 26-33, 52, 119
Dairying 125
Degrees Conferred 47
Conditions for securing... 48
Committee on 21
Development of University.. 9
Diplomas and Degrees, Committee on 21
Diploma Fee 43
Discipline and Morals, Committe on 21
Domestic Science 73-76
Dormitories for Men..... 8
Dormitory for Women (Patterson Hall) 8, 38
Dormitory and Board..... 37
Drawing for Admission..... 33
Economics 103
Education (Pedagogy).....77-82
Building 6
Electrical Engineering, College of Mechanical and....153-164
Engineering Society 41
English for Admission..... 29
English and Logic, Courses in 83-86
English Literature, Lectures 184
Entertainments Non-Athletic, Committee on 21
Entomology and Zoology..87-91
Entrance Credit Cards..... 33
Requirements 26
Committee on 21
Ethics 104
Examinations and Report.... 36
Examinations, Committee on 21
For Admission 25
Calendar VI
Expenses, Tuition, etc..... 42
Experiment Station 3
Building 8

Page.

Mechanical and Electrical Officers 22
Faculty, University 14
Committees of 21
Faculty, College of Agriculture 113
Arts and Science..... 54
Civil Engineering.....136
Law 177
Mechanical and Electrical Engineering.....153
Mining Engineering....165
Academy 194
Farm 11
Buildings 8
Free Tuition 43
Scholarship 34
Geology, Courses in.....92-95
Government 104
Graduation, Conditions of... 48
Grange Organization 41
Greek, Courses in 100
Grounds, University 5
Gymnasium 6
History of the University.... 1
for Admission 28
Courses in 103
Horticulture, Courses in.....127
Instruction, Officers of..... 14
Kentucky Agricultural Experiment Station 3
Officers of 22
Languages, for Admission... 30
Ancient, Courses in....96-102
Modern, Courses in...108-109
Latin and Greek, Courses in 96-102
Law, College of.....177-183
Library Building 6
Literary Societies 40
Location of the University... 4
Logic 84
Manual Labor 45
Manual Training for Admission 33
Mathematics for Admission.. 27
Courses in 105-107

Page.

Mechanical Hall 5
Engineering, College of 165-176
Metaphyics 104
Mining Building 7
College of 165-176
Modern Languages, Courses in 108-109
For Admission 30
Monitress 39
Natural Sciences for Admission 31
Observatory 7
Officers of Instruction and Administration 14
of the Experiment Station 22
Organization, University..... 51
Committee on Student.... 21
Patterson Hall 8, 38
Pedagogy (Education)...3, 77-82
Philology 85
Philosophy 79
Physical Geography for Admission 32
Physical Education for
Women 185
Men 186
Physics, Building for 7
For Admission 31
Courses in 110-112
Physiology, Admission..... 32
Courses in 56-61
Political Economy 103
Postgraduates 218
Psychology 78

Page

Publications, Student, Committee on 21
Bulletins, Committee on.. 21
Experiment Station..... 3
Registration 35
Regulations, Public Exercises, etc. 46
Religious Worship 37
Reports and Examinations... 36
Requirements for Admission. 26
Degrees 48
Roster of the Battalion.....192
Rural and Highway Engineering 132, 147
Sanitary Arrangements..... 37
Science for Admission 31
College of Arts and..... 52
Hall 6
Societies, Student 40
Sociology 103
Special Students 26
State Guards 47
Studies, Scope of 2
Summer School 49
Traveling Expenses of Students 46
Trustees, Board of..... 13
Tuition, Cost of 43
Free, Conditions of..... 43
Undergraduates 218
Units, Definition of...26, 52, 119
University Organization..... 51
Weather Bureau, U. S.....128
Officers of 24
Zoology for Admission..... 32
Entomology and, Courses in 87-91

UNIVERSITY OF ILLINOIS-URBANA
3 0112 111995095